

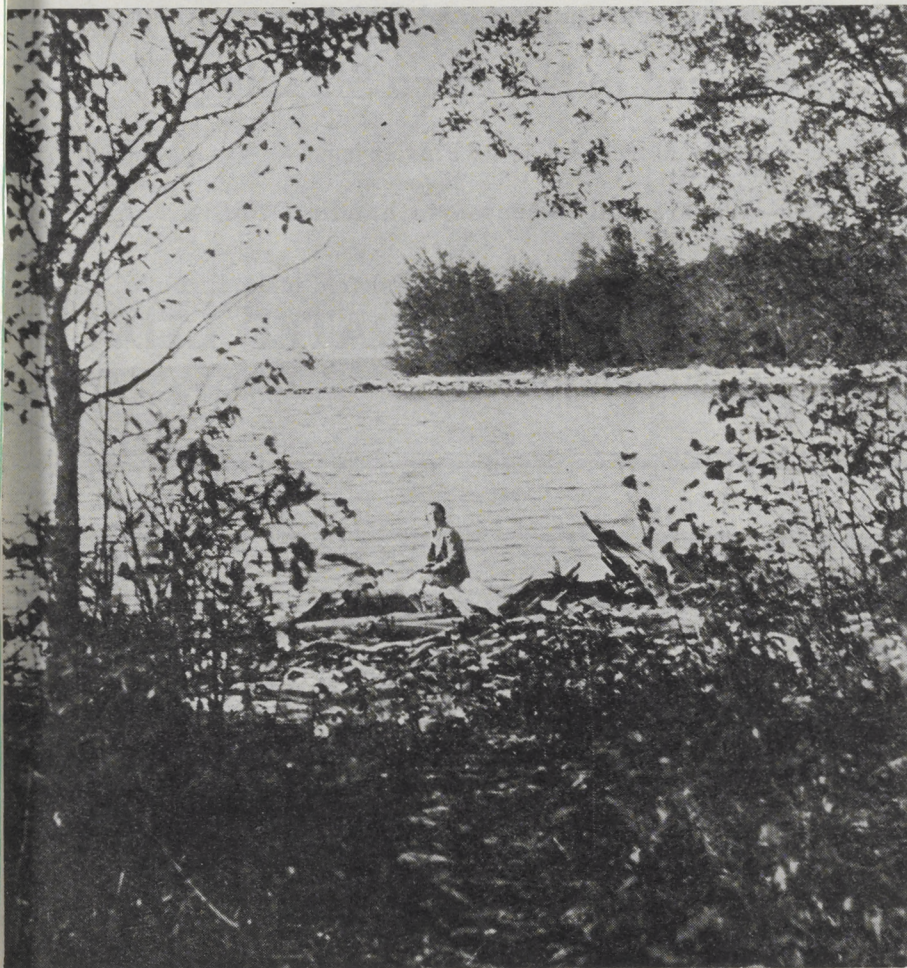
# NOR' WEST MINER

monthly Devoted to Northern Mining Development in the Yellowknife,  
Great Bear and Great Slave Lakes, Goldfields, Alberta and Northern B.C.

Vol. VI.  
No. 2.

APRIL  
1938.

NORTH OF 60° . . . EVEN THERE—REAL SUMMER



Resolution, 800 miles North of Edmonton, in the "good old summertime".

**JOHNSON** SALES—SERVICE  
**SEA-HORSE**  
**MOTORS**

R. E. BROWN CO.  
EDMONTON

SALES—SERVICE

Canadian Circumpolar  
Library  
B-03 Cameron

\$2.00 A Year



# MACDONALD'S CONSOLIDATED LTD.

WESTERN CANADA'S LARGEST WHOLESALE GROCERS

37 Houses West of the Great Lakes.

6 in Northern Alberta to serve you.

Edmonton, Peace River, Grande Prairie,

Dawson Creek, Camrose and Red Deer

## Experienced in Northern Shipping

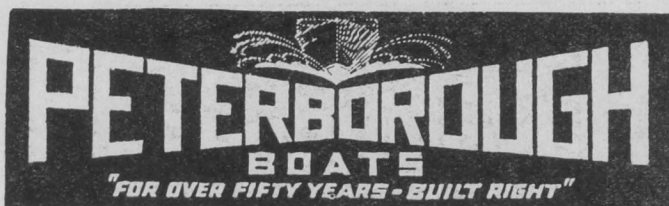
Quality Merchandise at Fair Prices.

**FURS!**—We are fully licensed to handle FURS

First operating in Winnipeg and North Battleford in 1871.

# MACDONALD'S CONSOLIDATED LTD.

EDMONTON



Prospectors:

It's Real Boat  
and Canoe  
Service

Miners and Prospectors prefer Peterborough Boats and Canoes  
for Long Life, Safety and Satisfaction



1. Cedar Strip Construction
2. Right Materials
3. Reliable Framework
4. Selected planking
5. Proper Fastenings
6. Weather proof Finish

Boats and Canoes especially adapted for Northern Work.

## Peterborough Canoe Co. Limited

288 Water St. Peterborough, Ont.

(Write for new catalogue of Canoes, Outboard Boats, Runabouts, accessories)

# THE NOR' WEST MINER

The Nor' West Miner is a monthly publication designed to give first hand information regarding the northern mining fields of the Yellowknife, Goldfields, Great Slave Lake and Great Bear Lake, also progress being made in connection with oil development in Alberta and mining progress in Northern B.C. and the Peace River district.

Correspondence solicited from all interested. Subscription, \$2.00 a year, Post free. Advertising Rates on application. Office of Publication, 6 Richardson Block, Edmonton, Alberta, Phone 24523.



## "SAYS THE MINER"

*"I hear the tide of pioneers,  
Of cities yet to be,  
The first low wash of waves  
Where soon shall roll a human sea."*

(Whittier)

\*\*\*

Where the solitary lonely fur trader stepped in the past, the vast vacant places of the New Canada of the North resound with the hammer and drill of the miner.

\*\*\*

The great new Pre-Cambrian areas of the North are now due to yield their contribution in gold, silver, radium, copper, lead, zinc and other metals to the skill of the miner at the call of capital.

\*\*\*

Where, today, hundreds of pioneers step, thousands are following anon and capital has awakened to the fact that North of 60° is the New Mining Canada of the North.

\*\*\*

Edmonton, sentinel of the furbearing north of the past, is today the Gateway for all to enter who are willing to risk effort and energy with the "baton" of mining riches as a recompense.

\*\*\*

Yesterday Edmonton awaited its future—today that future has arrived and all recognize that . . .

**ORTHWARD  
is  
EDMONTON'S  
DESTINY**

## The Alberta Motor Boat Co., Ltd.

MANUFACTURERS

Designers — Engineers — Boat Builders

EVINRUDE and ELTO  
OUTBOARD MOTORS  
and PUMPS

Distributors for Alberta and North West Territories

WEI BUC SKIIS

Approved by Board of Transport and Civil Aviation Dept.

EDMONTON — ALBERTA

## Gorman's

LIMITED

EDMONTON

CALGARY

DRUMHELLER

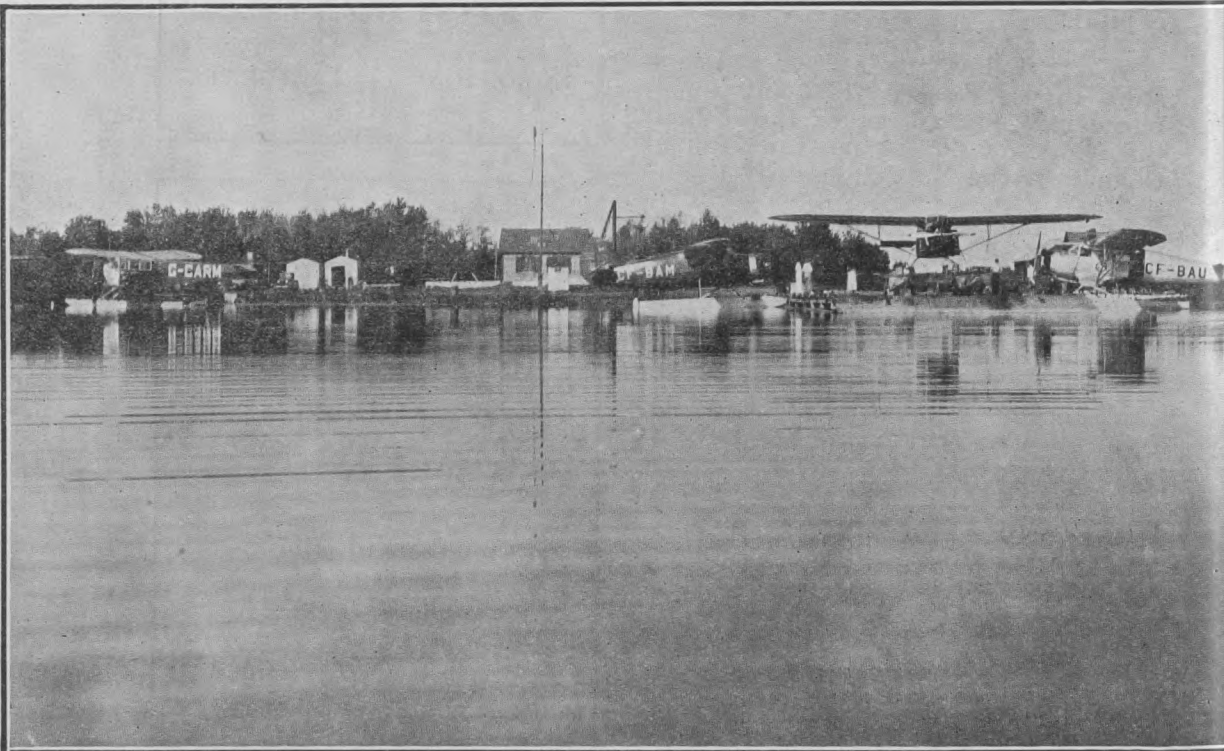
Suppliers of Mining Machinery and Supplies Since 1906

Charles E. Garnett, Manager



Winter—Edmonton's aerodrome, showing new extension. This aerodrome is classed A-1 in the Dominion equipped with radio, lighting, repair shops etc. Where Wiley Post landed in 1935 on round the world

### EDMONTON—FLYING CENTRE OF WEST



Summer—Cooking Lake air base, where summer air travel connects with Edmonton. Cooking Lake is 20 miles from Edmonton, connected by good roads and regular bus service with Edmonton. All airplane companies use this base in summer time.



# EDMONTON—CENTRAL TRADING POINT OF WESTERN CANADA

Population today over 83,000. Centre of aeroplane traffic in the west, with full facilities for winter and summer landings. Serves a population of over 350,000. It is 798 miles west of Winnipeg. 771 miles east of Vancouver and 312 miles north of the International boundary. It is the 9th city in Canada.

Edmonton has areas of rich farming lands, coal, gas, timber and oil. Edmonton is 70 miles south of the centre of Alberta, and on the natural Pacific-Atlantic air route and the all world route, and is directly connected by rail with Waterways, Alberta, the head of the huge Mackenzie River water transportation system, extending 1,700 miles north to the Arctic Ocean and the new mining areas of Athabasca, Great Slave and Great Bear Lakes.

## A Few Edmonton Statistics

- 1808 First settlers arrive.
- 1872 First railway survey made.
- 1891 Canadian Pacific railways reach South Edmonton.
- 1892 Incorporated as a town.
- 1897 Klondike rush through Edmonton.
- 1904 Incorporated as city.
- 1905 Becomes capital city of Alberta.
- Canadian National Railway builds through Edmonton.
- 1911 First aeroplane flies in Edmonton.
- 1914 Sends thousands to the European war front.
- 1925 Connects Jasper with Edmonton.
- 1929 First miners go north.
- 1930 Eldorado discovered.
- 1933 Goldfields discovered.
- 1936 Yellowknife discovered.
- 1937 New payroll towns in the north bring many to Edmonton.

# Electrical Power

WILL PLAY

A Progressively Important Part in the  
Development of the Rich  
Mineral Areas

of the

NORTH

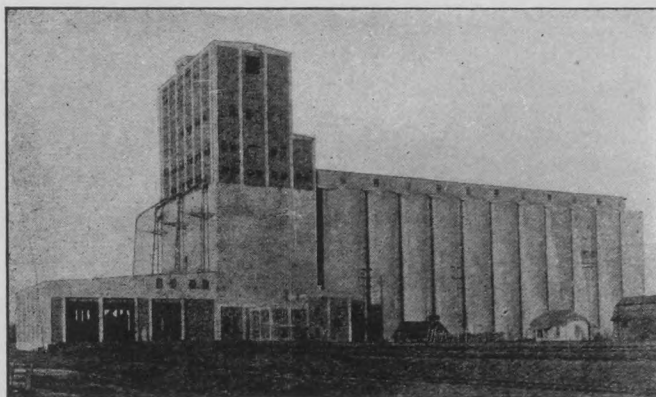
CALGARY POWER COMPANY  
LIMITED

“Serving Alberta”



Jasper Ave., main street in Edmonton, where "Mukluk prospectors", "Sheepskin farmers", oil men and foregather.

### ALBERTA PRODUCES PLENTY



Government Elevator, Edmonton, where millions of bushels of grain are cleaned before shipping to markets of the world.

Grain 1937  
\$111,441,600

Cattle  
\$34,418,264

All Aricultural  
Production  
\$190,924,231

Value of Livestock  
farms  
\$80,064,000

Mineral Products  
\$26,000,000

Total Production  
\$216,924,231





ay is a busy day in Edmonton when farmers come to town. Edmonton's city market, showing buildings ground.



High Level bridge, Edmonton, connecting the twin cities of Edmonton, North and South. Note University  
gs in background.

## WHAT EDMONTON OFFERS THE MINER AND PROSPECTOR

Edmonton, with over one hundred years of experience in catering to the Northern trade, is in a position to supply miners, prospectors and others with all that is required for Northern use. It has well equipped stores of all descriptions, boat building yards, best of hotel accommodation, and regular aeroplane service to northern points.

Rail service connects it with Waterways, Alberta, 300 miles north, from which point a splendid steamer and barge service carries passengers and freight north during the summertime right to the Arctic ocean, besides serving the mining areas of Goldfields on Lake Athabasca, Yellowknife and other points on Great Slave Lake, and the radium and silver mines on Great Bear Lake.

### COST OF GOING NORTH

Going north is a costly affair, if ordinary everyday conditions as to financial outlay apply, for the north is a land of large spaces and great distances, with passenger fare and freight costs in proportion.

The service, however, is all that can be desired. The utmost comfort is available on the boats plying along the waterways, there is always a reasonable certainty concerning freight delivery, and aeroplane passage whilst costing more, makes up for the additional outlay by time saved.

### DOWN NORTH MILE BY MILE

Edmonton to Waterways by rail is 300 miles.

Waterways is the head of naviga-

tion for the northern routes extending from that point to Aklavik, a distance of 1661 miles. From Aklavik which is about 75 miles from the Arctic, there is a further distance to Tuk-Tuk—the new Hudson Bay Co. port on the Arctic of around 120 miles.

Goldfields is 287 miles from Waterways. Fare \$14.50; Freight Rate 75c per 100 lbs.

Yellowknife is 607 miles from Waterways. Fare \$36.00; Freight Rate \$3.25 per 100 lbs.

Other distances	miles	Passenger rate	Lbs. fgt. rate
Fort McKay .....	35	\$2.00	.25
Fort Chipweyan .....	187	9.50	.50
Goldfield .....	287	14.50	.75
Fort Fitzgerald .....	287	14.50	1.00
Fort Smith .....	306	17.50	1.50
Fort Resolution .....	507	30.00	2.75
Hay River .....	582	34.00	3.25
Fort Providence .....	660	39.00	3.75
Fort Simpson .....	816	48.00	4.00
Fort Wrigley .....	968	57.00	4.50
Fort Norman .....	1120	66.00	5.00
Fort Good Hope .....	1293	77.00	5.50
Arctic Red River .....	1507	90.00	5.75
Fort McPherson .....	1561	93.00	6.00
Aklavik .....	1661	100.00	6.00
Rocher River .....	557	33.00	3.75
Outpost Island .....	520	30.00	2.75
Fort Rae .....	687	40.00	3.75
Snowdrift .....	697	41.00	5.50
Fort Reliance .....	777	46.00	6.50
Fond du Lac .....	362	18.00	2.25
<b>Liard River</b>			
Fort Liard .....	1016	60.00	9.00
Nelson Forks .....	1090	65.00	10.50
Fort Nelson .....	1216	72.00	10.50

# EDMONTON

## IS THE KEY TRADING POINT to the Mineral Areas of the North

The Athabasca Tar Sand Area, Out Post Island, Great Slave Lake, The Yellowknife Mining Area, Gordon Lake, Great Bear Lake. and The Goldfields Area

All connected direct with Edmonton by the shortest Air, Water and Rail Routes.

Edmonton has first class Air Ports—Both for Summer and winter work  
(Wheels or floats or skiis)

Edmonton has served the North for a century of trading. It knows your requirements and carries full stock to meet the same.

J. W. FRY,  
Mayor.

R. J. GIBB and J. HODGSON,  
City Commissioners.



ALBERTA



CANADA

*"The Switzerland of North America"*

## For An Invigorating Holiday

Alberta offers to the vacationist, unrivalled scenery in its 8,000 square miles of famous mountain national parks, the beautiful lake resorts, the ample attractions for the sportsman with rod and gun, the best of railway services, and over 2,000 miles of all weather motor roads, with good hotel and auto camp accommodation at all main centres and resorts.



"Beauty Spot in the Canadian Rockies"

**BANFF AND LAKE LOUISE**—Nestling in the majestic Rockies, a beauty spot unparalleled in North America, summer and winter sports, best of hotels.

**JASPER**—Largest National Park in the world, with a wealth of scenery, a mountain resort and a sportsman's paradise.

**JASPER-BANFF HIGHWAY**—Partly completed, will reveal the beauty of the Columbia ice-fields, and sights that will delight the heart of the tourist.

**WATERTON LAKES**—in the south-west corner of Alberta, is growing in popularity, and gives the visitor from the south, the first glimpse of what Alberta scenery can offer.

*"See the Turner Valley Oil Field"*

## Spend Your Vacation in Alberta

For further particulars, write:

**PROVINCIAL TOURIST AND PUBLICITY BUREAU**  
Legislative Buildings

EDMONTON

ALBERTA

CANADA

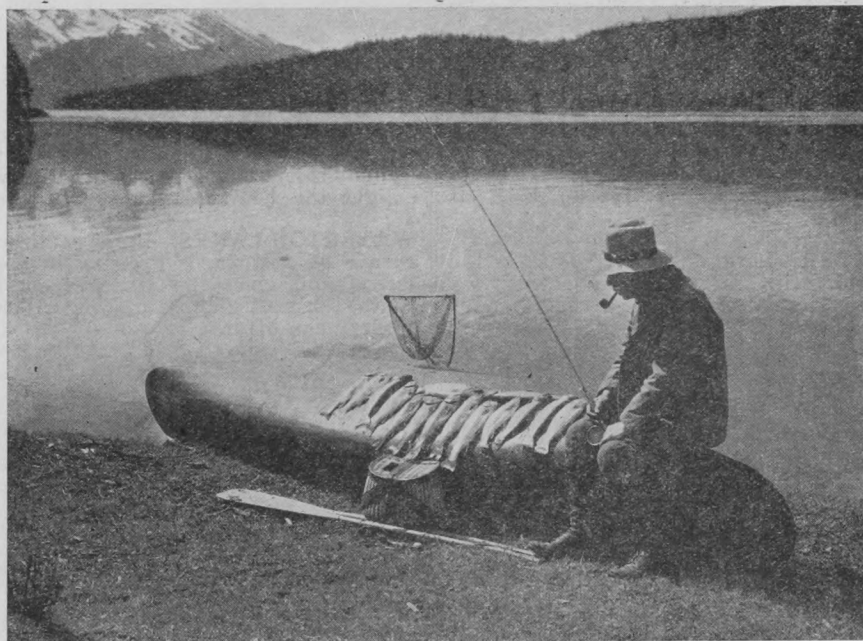


# ALBERTA CANADA

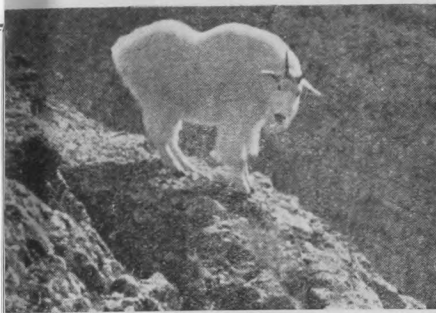
## The Fisherman's Delight

Fish in the mountain streams and lakes for perch, pike, pickerel, trout, Arctic grayling, Rocky Mountain Whitefish etc. For further particulars, write:

**DIRECTOR OF FISHERIES  
DEPT. OF AGRICULTURE  
EDMONTON — ALBERTA  
CANADA**



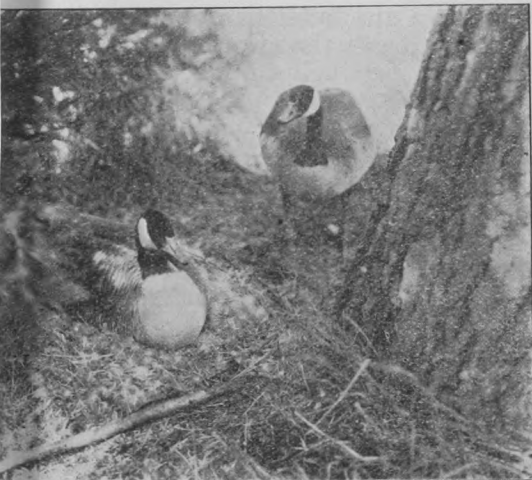




**ALBERTA**  
THE  
**Hunter's Paradise**  
FOR

**BIG GAME**—Big-Horned Sheep, Mountain Goat, Woodland Caribou, Elk, Mule Deer, Moose, Grizzly and Black Bear etc.

**GAME BIRDS**—Wild Duck and Geese, Sharp Tailed Grouse, Ruffed Grouse, Spruce Grouse and Ptarmigan, Hungarian Partridge, The Chinese and Mongolian Pheasants.



For further particulars, write:

**GAME COMMISSIONER—DEPT. OF AGRICULTURE**  
**EDMONTON ALBERTA CANADA**

# NORTHERN MINING HISTORY... 1929 to 1937

It is just eight years ago when Dominion Explorers and N.A.M.E. started to "bust open" as Jack Ham-mell put it, the mining north. These two companies expended plenty of money in combing the territories by airplane, steamer, canoe and every other available means of transporta-tion. It was a new country, hence diffi-culties were encountered which are laughed at today, but they were quite formidable in 1929.

Previous to 1929, there had been a few "dreamy" prospectors, mostly trappers and traders, who listened to the romance of lost mines, hidden mines and untraceable high grade gold. Samples were occasionally brought in to the H.B.C. Post or other settlements.

Bruce with his, Jack Hornby an-other, Dunn of Caribou Island fame, and many others all were mystery men, who every year departed into the interior and brought out real rock in the fall. Many were the guesses made as to where they went and what they had.

In 1929 Domex and N.A.M.E. thor-oughly combed the country, chasing down every Indian legend, every old Factor tale in the North—Coppermine, Great Bear, Yellowknife, Peel River, Husky River, Wrigley, Nahanni and even Firth River on the Arctic Coast were all visited with more or less suc-cess at huge expense.

Then came the depression of 1930 and mining was off, but in that year LeBine struck pay dirt at Echo Bay on Great Bear. Today Eldorado is a mine

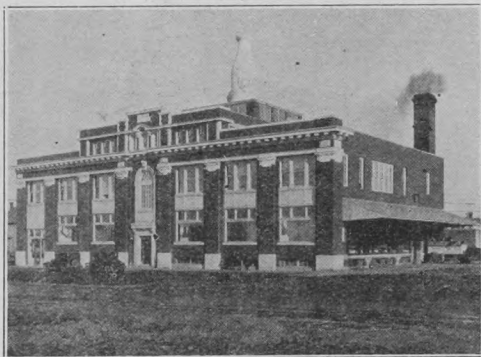
producing a million dollars of radium ore a year and employing over 100 men right under the Midnight Sun.

Other companies went in, struck silver, copper and other minerals, which await economic transportation to make mines.

Gradually the prospectors of the following years drifted south and the next to fall in line was Lake Atha-basca, with Goldfields as the centre. Here the largest mining company in Canada became interested and Gold-fields is now a mining town of import-ance with a 1500 ton mill almost ready to operate and others on the way. Goldfields area has been proved to have an immense body of pay ore.

The next to come in has been the Yellowknife, most fabulous of them all as regards surface values. No time has been lost by many of the larger mining companies of Canada in ac-quiring property, tremendous sums have been paid for prospects by far seeing mining companies and mining plants, men and supplies including mills have gone in almost overnight. The Yellowknife, says mining men, is a real camp.

In 1930, a meeting was held at the Macdonald Hotel, Edmonton, where several daring souls forecast that the North would furnish the next mining surprise to Canada. It has done so. It was also forecast that there would be at least five producing mines in those areas in the near future. In 1938, there are at least three mines out of the five with more to follow.



## SUPPLYING DAIRY PRODUCTS TO ALBERTA

Plant of Edmonton City Dairy Limited.  
Modern, up to date and complete.

Where Alberta Dairy Herd milk pro-ducts are distributed to consumers.

# RYANS — PIONEER PROSPECTORS AND NOW MINING OPERATORS IN THE NORTH

First in the Field—Fitzgerald—Great Bear—Athabasca and a Real Win in the Yellowknife.

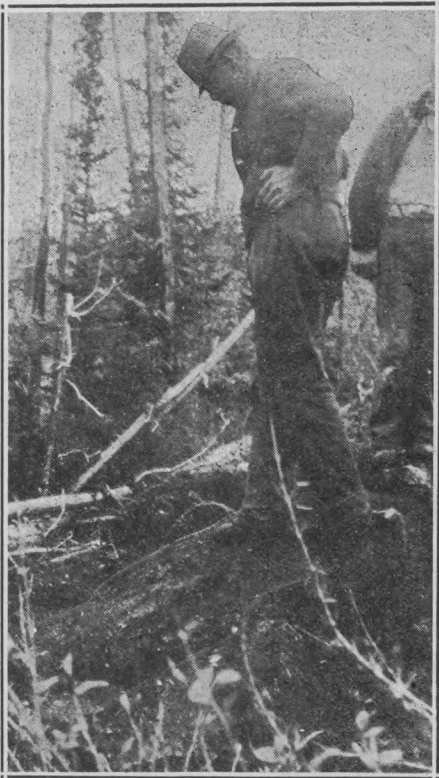
When, in the olden days, anyone suggested minerals in the North, the answer was generally "Oh that's the particular hunch of the Ryan boys", and most people smiled, for they could not visualize successful mining in a country where the only means of

had quietly continued grubstaking here, proving up property there, content to await the time when all should know what they knew, that the North carried mineral worth while.

Caribou Island in 1926—they were there, although that petered out. Great Bear Lake, they were amongst the first in the field, and still hold property that has mine making qualities as soon as transportation reaches proper economical stages. Athabasca, again they were on the ground, and lastly the Yellowknife, where they attained real success.

The Consolidated had a property on the Yellowknife, the Ryan Bros., through Tom Payne, associated with W. E. Wilson and others, had acquired a group of claims adjoining. Fabulous surface showings were found. Quietly, these boys proceeded to develop their property, raised some \$50,000 through Quin Kola Syndicate, and later Ryan Gold Mines expended less than \$30,000 of this on development, then sold to the Consolidated for \$500,000 cash and retained a 40% interest. Today a thriving town is in the making—a 100 ton mill is ready to operate as soon as oil arrives for power purposes this summer. This, however, is not the end, the Ryan boys now hold more properties up the Yellowknife River, stated to be still richer, which are also in course of development.

This story reads like romance—two truck drivers of the early days becoming the leaders of transportation and mining in the North. They have shown all how mines can be financed, brought into production without undue expense or loss. It is a lesson that many a mining promoter should take to heart. How sincerity of purpose and devotion to an idea can win out.



Tom Payne standing over a 5-ft. vein which goes \$784 a ton.

transportation at the time was by dog team for eight months in the year and steamer for 90 days.

Along came the aeroplane and changed the picture. Along came big mining companies and their prospectors to add to the change. Ryan Bros.



# SPRUCE LUMBER STOCKS

SPRUCE LUMBER AND TIMBERS  
FOR MINING REQUIREMENTS

## CHISHOLM SAW MILLS, LIMITED

MILLS AT CHISHOLM, ALBERTA

108 Commercial Building

EDMONTON, AL BERTA



PRESENTING

# PIANOS

FOR THE NORTH

Priced from \$315.00—Weight (Packed) 425 Lbs. Up. Descriptive Catalogues  
Mailed Upon Request. Sheet Music—Teachers' Supplies—Victor Records

MAIL ORDERS PROMPTLY FILLED

# Heintzman & Co.

10139 Jasper Ave. — Edmonton

ALWAYS A LEADER

# Glendale CREAMERY BUTTER



Makes Hundreds of Friends  
Every Day

Glendale Butter Must Be Good

255 Awards in 1935
260 Awards in 1936
315 Awards in 1937

Sold in prints, cartons and 1, 2 and 5 pound tins

MANUFACTURED BY

# BURNS & COMPANY, LIMITED

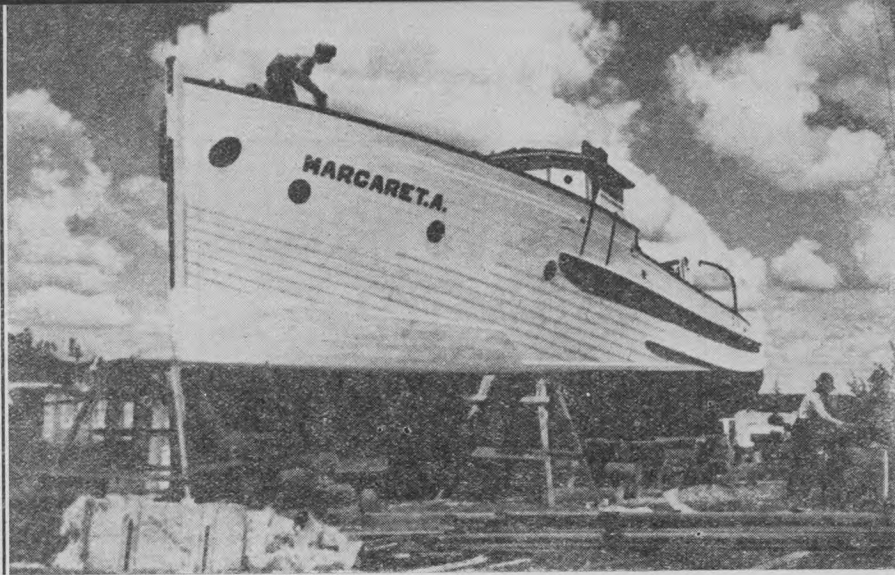
## KEEPERS OF THE GATE

Ryan Bros. Operators  
Over Smith Portage  
Maintain An Ever  
Open Road

The Smith Portage is famous in the North as was the Chilkoot Pass in the Yukon in the fall of '98. The fair open waterways from McMurray north, down the Athabasca, and the Peace Rivers, come to an abrupt stop as the Smith rapids are reached and hence a portage around them of some 16 miles is necessary.

For many years in the old fur trade days, the portage was little more than an Indian trail that served its purpose. When the lure of the mining areas began to attract prospectors and freight started to go down to the lower reaches of the great Mackenzie River in quantities, the gate to the Great North was barred.

Ryan Bros., two old timers in the North, with plenty of vision, conceived the idea in 1917 of establishing a freighting service over the trail, and for many years, struggled to keep the wolf from the door by earning enough in the short summer season to last over the year. This meant putting in expensive equipment, for time was always the essence of success, and so they carried on.

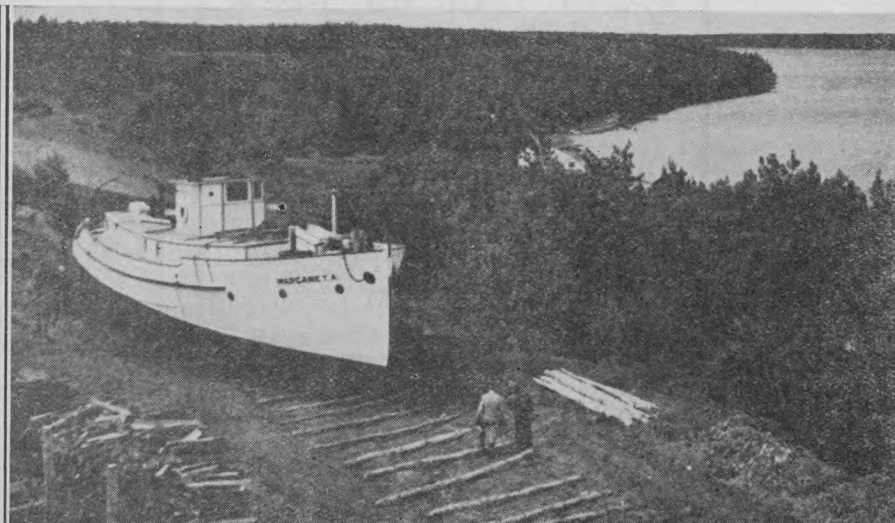


Pulling them over the Portage—A 90-ton boat going over. The start.

In 1929, the first great rush to the North occurred with the N.A.M.E. Exploration under the leadership of Jack Hammel and that of Dominion Explorers. For the first time in many years this year happened to be extremely wet and the road went to pieces. It had to be fixed quickly, or people in the North were faced with no supplies for the coming year. The Alberta Government was appealed to, but no road building equipment was available, excepting the Ryan equipment, and so Ryan's undertook to repair the road and keep it under proper condition. They have done so ever since, with the result that this 16 miles of road is now as good as any in the West. It has up to date motor transportation and equipment capable of handling freight in any size or tonnage without fail.

For this service Ryan Bros. received a commercial freighting franchise from the Alberta Government, which has resulted in assurance to all of good service as wanted, reasonable charges and in many cases, with regard to individual prospectors no charge at all, or else "Pay you in the Fall". Few people realize what many a prospector, trapper and others owe to this free help. Ryans as "Keepers of the Gate" have saved mining men thousands of dollars and days of time on their way down North.

Ready for launching at Fort Smith, 16 miles overland. The finish.



# NICHOLS BROS. LIMITED

Specializing in Northern Business

**MACHINISTS, BRASS & IRON-FOUNDERS.** Manufacturers of Saw Mills, Portable and Stationary.

A wide array of patterns to furnish gears, transmission shafting, bearings etc.

We also manufacture: Iron Brass and Aluminum Castings, Pulleys, Gears, Sprockets, Grate Bars, Pistons, Piston Rings.

We specialize in: General Machinery repairs, Steam and Gasoline engine work, Pattern making and general foundry work. Well Drilling Supplies.

Complete stock of saw bits and shanks.

Direct Agents for Simonds Saws, Rip, Slash, Wood or Hack Saws always in stock.

Emery Arbors, Saw Mandrils, Planer Knives, Planer Bolts, Grinding Wheels, Saw Mill Equipment.

Belting, Rubber or Leather.

Pulleys, Wood Split, Steel Split, Cast, Sheave.

Boiler and Engine Fittings.

Sprocket Chain and Wheels, Wire Cable.

Mine Car Wheels, Shafting and Fittings. Babbit Metal.

**Shops at 10103 95th Street**

**Edmonton Alberta.**

**Phone 21861**

## SUNNY ALBERTA A TOURIST PARADISE.

Tourists entering Canada during 1937 expended \$295,000,000. This amount, according to the Dominion Bureau of Statistics, was expended as follows:

First or cabin passengers	\$10,099,000
Other passengers	3,800,000
Automobile tourists	181,112,000
Rail tourists	53,429,000
Steamer travellers	20,164,000
Bus, ferry, air travellers	25,000,000

Of the above amount Alberta's share was \$1,125,000. This was checked up as entering Alberta direct from the United States, but due credit should be given for an extra amount entering Alberta through other provinces.

### ALBERTA SUGAR INDUSTRY

Alberta produced 75,603,700 Lbs of sugar in 1937, this was an amount greater than the combined production during the first five years of operation, which amounted to a total of 55,147,000 pounds.

### ALBERTA BUTTER INDUSTRY

Alberta produced 26,323,562 Lbs of creamery butter in 1937 and 1,838,589 pounds of factory cheese. This is an increase of 3.7% in butter and 27.2% in cheese over 1936.

Complete Outline Map Showing Air Lines, Mining Areas. Western Canada  
Address

**R. H. DOUGLAS**  
10237-122nd St. Edmonton  
(75c per copy delivered.)

## SELKIRK

AND

## YALE HOTELS

In the heart of

*Edmonton's*

**Amusement, Shopping and Financial Sections**

**POPULAR RATES**

**Corner 101st & Jasper Ph. 24111**



uring  
Thi  
inion  
ed a

9,000  
0,000  
2,000  
9,000  
4,000  
0,000  
erta'

heck  
from  
credi  
nounc  
prov

Lbs  
nounc  
ctio  
pera

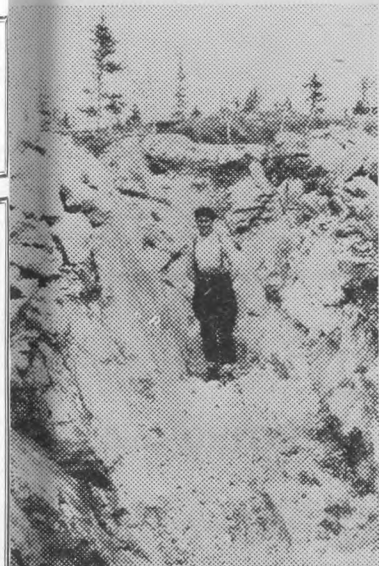
Lbs  
838,  
his is  
and

Air  
ada

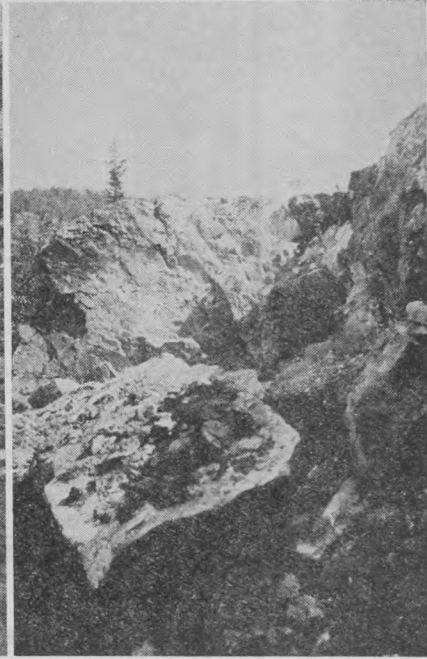
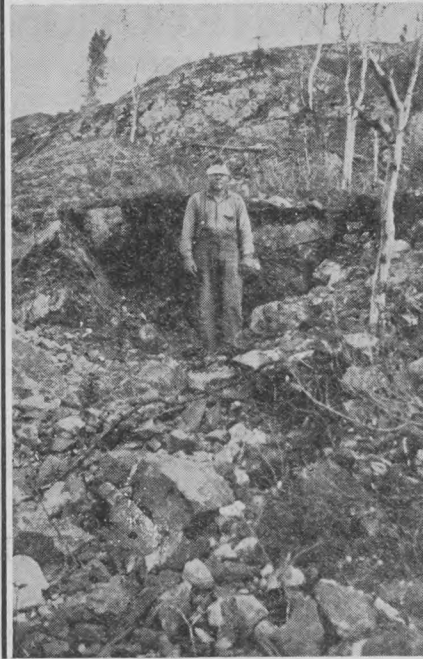
# E.A.G. GROUP

## A Real Prospect

The Edmonton Athabasca Gold Mines Ltd. controls several groups of claims in the Lake Athabasca area in addition to that controlled by the company at Goldfields (see pictures) upon which four veins, the company states, of nickelite have been uncovered from which assays of \$281.54 to the ton have been obtained, in addition to good showings of gold and silver.



Trenching and development work on E.A.G. property during summer 1937, which exposed 4-vein Nickelite assaying \$251.54 to the ton.



TOP—Looking North across Lake Athabasca from E.A.G. property.  
RIGHT—Break on E.A.G. property showing geological formation.  
LEFT—Pit showing vein exposure with Champagne, employee of E.A.G. Company in foreground.

The Company concentrated its 1937 work upon this group, the E.A.G. This property is located right on deep water shores of Lake Athabasca, almost in the centre of the active development field, with Consolidated holdings joining it on the West. Athona properties adjoining it on the north east and North West Minerals and Nicholson Mines Ltd. on the south east.

The Company is an Alberta incorporated company, charter having been issued in 1935, and directors are E. H. Molstead, A. J. Maure and J. R. Gadbury, all of Edmonton. Registered office is at 709 Tegler Bldg., Edmonton. The Company welcomes enquiry from any interested.

# **Insurance . .**

Effected at Lloyds, London, England by

**W. L. WILKIN LTD.**

707 Tegler Bldg.

Edmonton, Alta.

We Invite Inquiries on Your Insurance Problems

## **POOLE CONSTRUCTION COMPANY**

LIMITED

**GENERAL CONTRACTORS**

Building, Highway and Engineering Work

733 TEGLER BUILDING,

EDMONTON, ALBERTA

Crib Work and Floating Docks A Specialty

## **The Sterling Collieries Company, Limited**

---

STERLING AIR-CLEANED STEAM COAL

---

MINES AT: STERCO, ALBERTA

OFFICES AT: EDMONTON, ALBERTA

Specially Sized for Use in Stokers

## **SEND US YOUR ORDERS**

WE CARRY A COMPLETE STOCK OF  
QUALITY TOOLS, SPORTING GOODS, HUNTING and  
PROSPECTING SUPPLIES

**NORTHERN HARDWARE CO.**

"DEPENDABLE HARDWARE MODERATELY PRICED"

101st STREET

EDMONTON, ALTA.

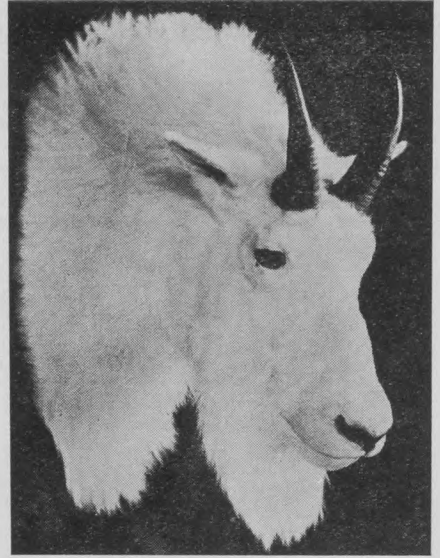
# SPORTSMEN, ATTENTION !

## Edmonton Has Expert Taxidermists.

For many years Edmonton has been the rendezvous for big game hunters seeking trophies in the rugged Canadian Rockies. It is from Edmonton that many parties outfit. From there communication is established with fully licensed and experienced guides, and it is to Edmonton the trophies obtained are brought for mounting.

Says Mr. Albert S. Wolfe, taxidermist of Edmonton, "We have made a specialty of mounting big game specimens of all descriptions, making a special study of environment so as to attain natural poses in mounting."

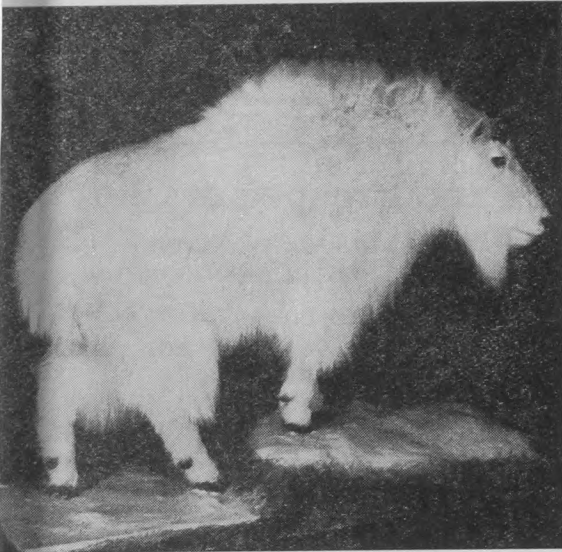
He adds, if you are contemplating



A perfect old "Billy"

He asks all big game hunters to give his service a trial, when next requiring trophies mounted. He adds, "He wants to be able to number you as one of the many satisfied customers which he numbers through the world.

If you want free information on where to hunt, how to get there and a list of reliable guides or any other information in connection with your trip, write Albert S. Wolfe, Taxidermist, Edmonton, Alberta.



A real old "Nanny" trophy

a trip into the great hunting grounds of Alberta and British Columbia, whether it be for that massive "Big Horn" you have so often dreamed about, that wily old "Billy Goat" or even the majestic "Grizzly", not to mention the wonderful Moose, Caribou and Deer specimens which can be secured here, our aim is to become acquainted with you, through the medium of our work, which we guarantee to be as fine as any in the realms of taxidermy.



Big Horns  
from  
Rockies



## LUMBER FOR MINING PURPOSES

General Building Materials

Enquiries Solicited for Orders Any Size.

**THE P. MANNING LUMBER CO., LTD.**

SOUTH EDMONTON — ALBERTA

## THE EDMONTON FURRIERS

OPPOSITE CORONA HOTEL EDMONTON

Specializing in made to order furs

Special Attention to Customers' Own Pelts Sent in from the North

Storage, Manufacturing and Repairs



## Miners and Prospectors . .

LET US HANDLE YOUR CANVAS NEEDS  
YOU WILL BE COMPLETELY SATISFIED

Manufacturers and Dealers in

TENTS, TARPAULINS, SLEEPING ROBES,  
MOSQUITO BARS, PACK-SACKS, DOG-SLED  
COVERS, AEROPLANE ENGINE COVERS, etc.

Write for our Catalogue now

**NORTH WEST TENT & AWNING CO.**

9921 JASPER AVENUE

EDMONTON, ALBERTA

DAMP PROOF

WEATHER PROOF

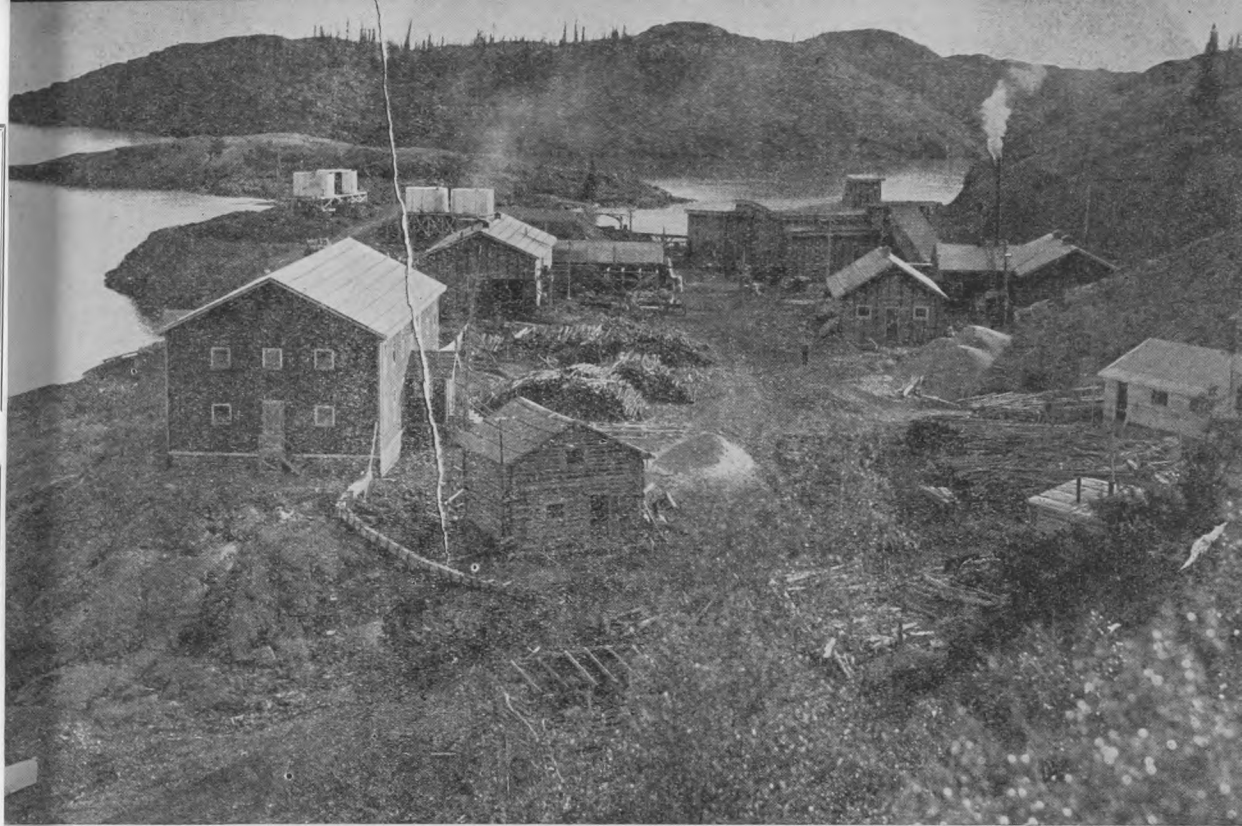
## GREAT BEAR SLEEPING ROBES

The Ideal Sleeping Equipment for the North

Made Exclusively by

**CANADIAN BEDDING COMPANY LTD.**

EDMONTON, ALBERTA



## CANADA'S ONLY RADIUM MINE

**The Eldorado at Echo Bay, N.W.T.,  
with Refinery at Port Hope, Ont.**

In 1933, the total production of radium from the Belgian Congo, then the only producer of Radium in the world was 6.7 grammes per annum, with a price of around \$75,000 per gramme. The Eldorado in 1936, less than three years after development was started produced around  $2\frac{1}{2}$  grammes a year. The price of radium now stands at \$25,000 a gramme, making it possible for a much greater medical use of the same.

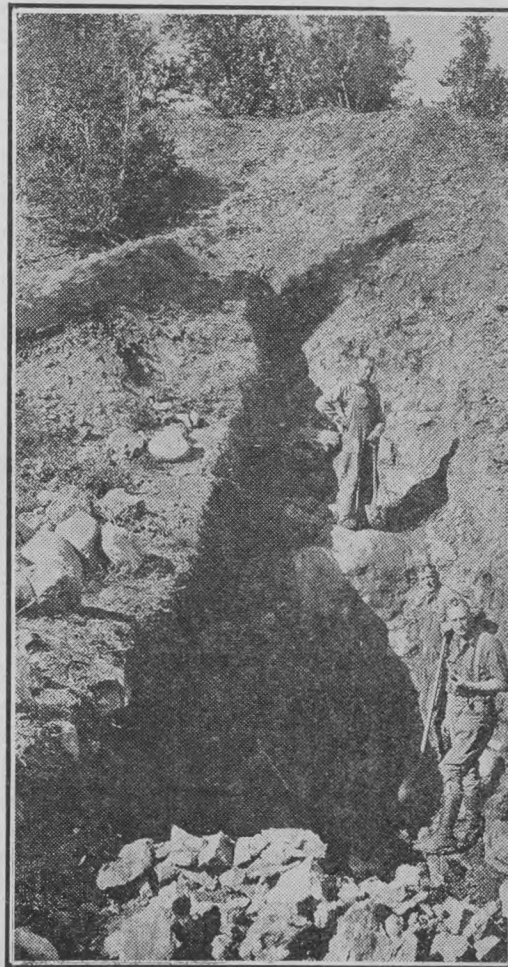
With new equipment at the mine, the production is being still further stepped up, and in addition to radium many uranium salts and other compounds are also being produced, which are widely used in ceramic and other industries. In addition copper, silver, lead are also produced.

Eldorado Mine at Echo Bay, although well within the Arctic Circle operates all the year round, and an up to date mining town at Port Radium has resulted from its payroll and investment.

**A vein of silver and  
Pitchblende ore.**



radium ore  
Smith portage.



# The Yellowknife, Great Slave Lake and the Lower Mackenzie River

Shipping Freight into the North is the Business of

## Ryan Bros.

Operating

A COMPLETE FREIGHTING AND PASSENGER SERVICE OVER  
THE SMITH PORTAGE

For Rates and Other Particulars Address

# RYAN BROS.

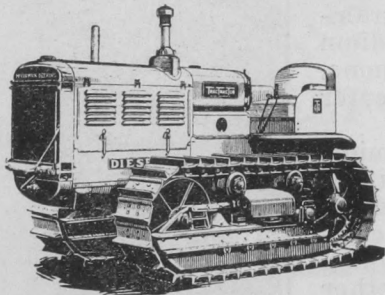
114 - 115 ADAMS BUILDING, EDMONTON, ALBERTA

FORT SMITH, N.W.T.

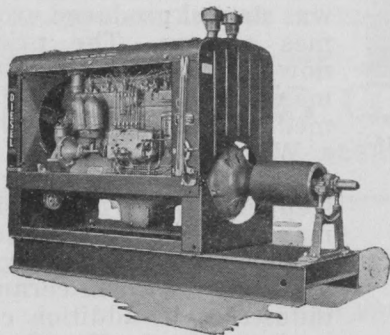
CANADA

## International Diesel TracTracTors and Power Units for the Mining Industry

A Long Life of Low Cost Operation



For all types of work where economical heavy duty tractor power is needed, the International T040 TracTracTor is the ideal unit. The efficient diesel engine gives 33 drawbar horsepower and 43 belt horsepower. It starts easily on gasoline by hand cranking and automatically shifts to diesel operation after only a few revolutions.



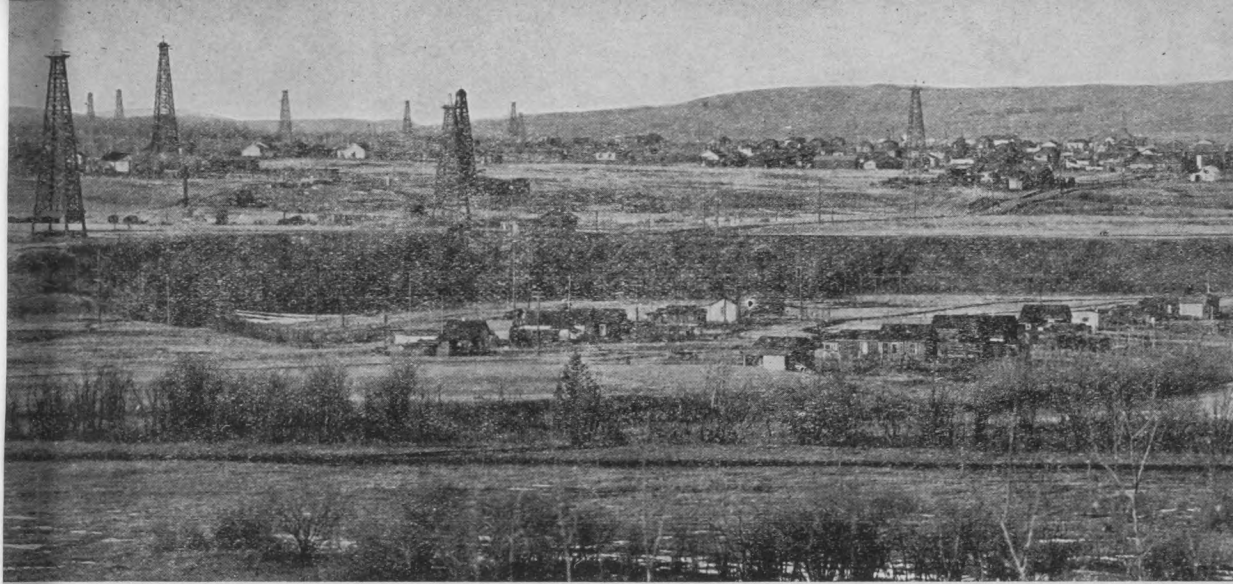
International power units are available in 11 sizes developing from 22 to 110 max. h.p. Two sizes of diesel operated engines and nine sizes operating on gasoline, distillate and natural gas.

## International Harvester Co. of Canada Ltd.

10357-109th Street

EDMONTON, ALTA.





The Turner Valley Oil Sky Line, bringing millions to Alberta.

### **PETROLEUM PRODUCTION DOUBLED IN 1937.**

This was caused by the Turner Valley production increasing by 115%. The Dominion production was 94.2% higher than the previous year.

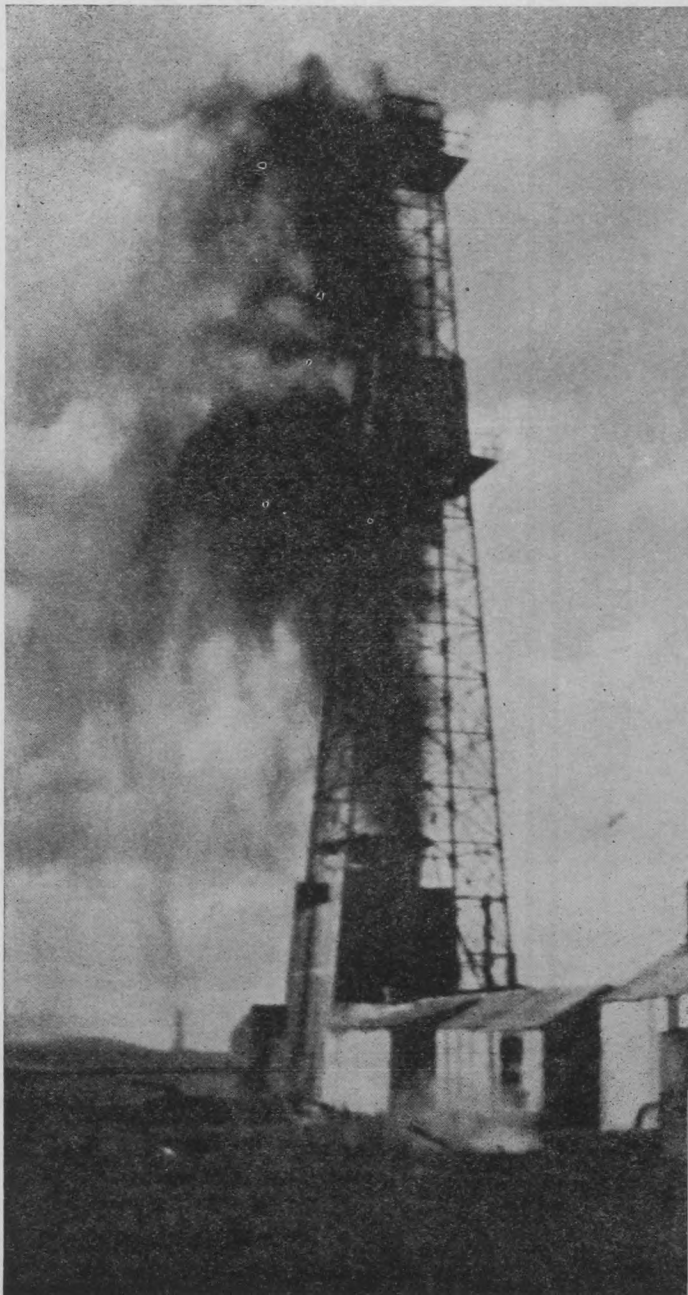
Total production was 2,9995,000 bbls., compared with 1,507,000 bbls. the previous year. Of this total in 1937, 2,796,200 bbls. came from Alberta, of which 2,767,200 bbls. came from the Turner Valley.

The fifty refineries operating in 1936 in Canada used 1,243,670,000 gallons of imported crude and 42,792,000 gallons of Canadian crude. The total production from Canadian wells last year was 104,825,000 gallons.

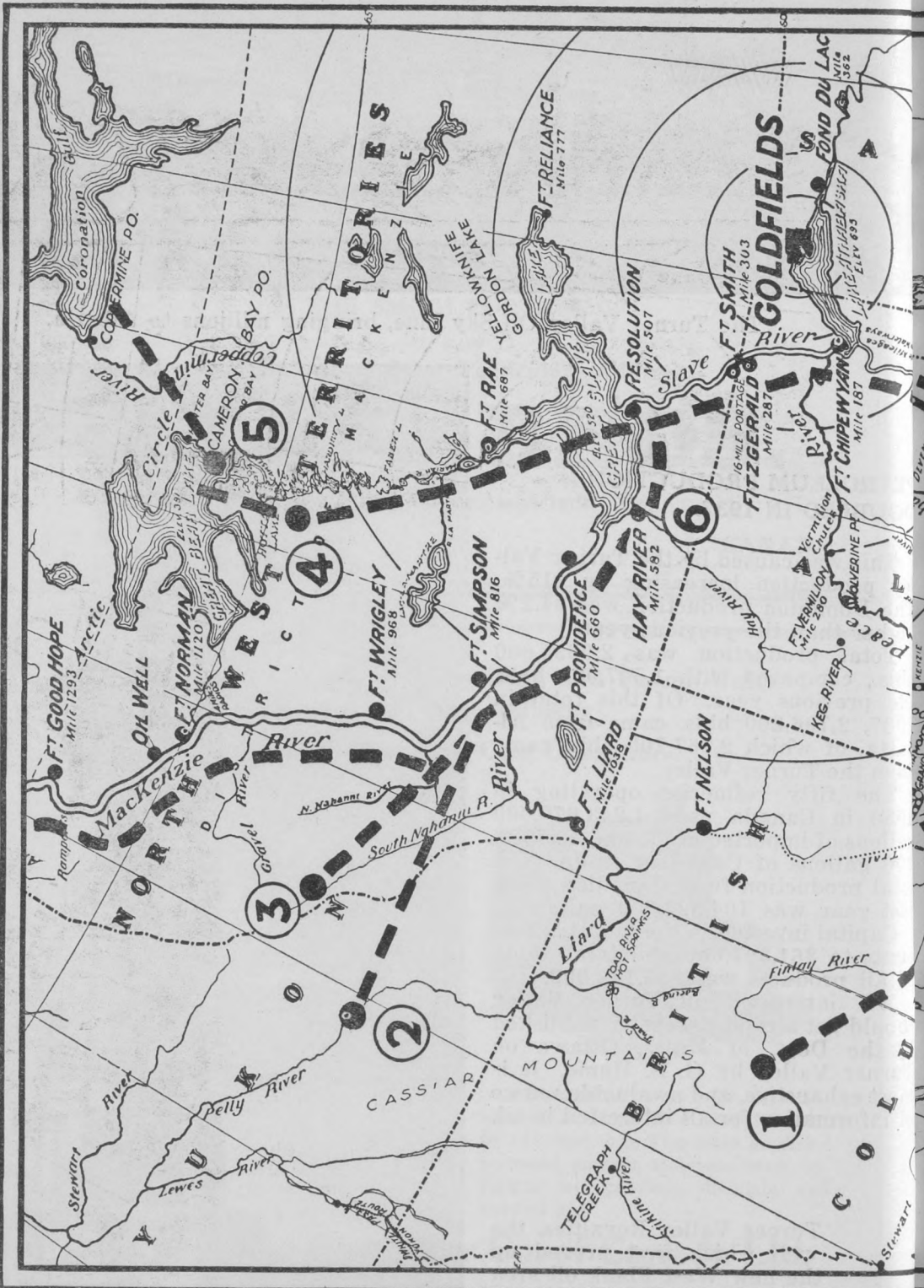
Capital invested in the industry amounts to \$61,307,000 and total value of all products was \$85,172,000.

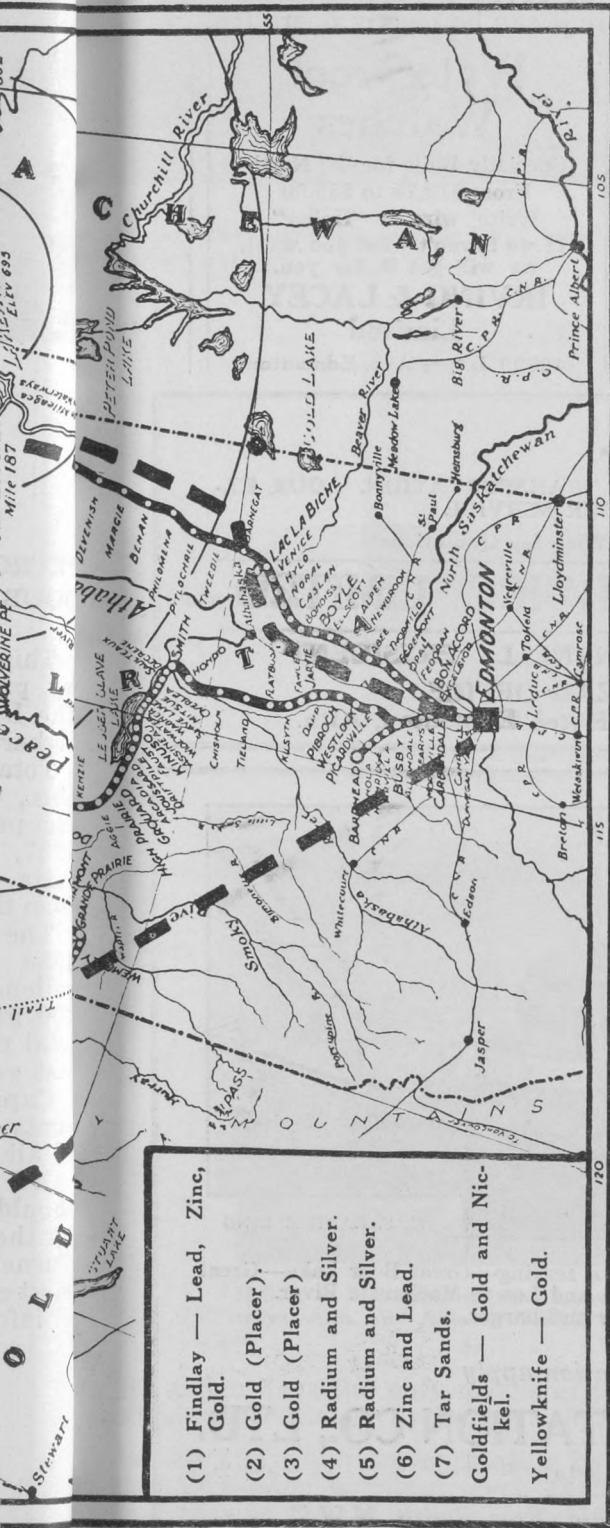
All interested in Turner Valley should get a report recently published by the Dept. of Mines, Ottawa on Turner Valley by G. S. Hume. It is most exhaustive, and a valuable source of information for all interested in oil.

Turner Valley Royalties, the well which first proved up the new West Flank oil area in Turner Valley.



# THE "NEW CANADA" MINING FIELD





- (1) Findlay — Lead, Zinc, Gold.
  - (2) Gold (Placer).
  - (3) Gold (Placer)
  - (4) Radium and Silver.
  - (5) Radium and Silver.
  - (6) Zinc and Lead.
  - (7) Tar Sands.
- Goldfields — Gold and Nickel.
- Yellowknife — Gold.

(Courtesy Edmonton Athabasca Gold Mines Ltd.)

### WARNING . . .

This issue of the Nor West Miner has endeavoured to put the North vividly before your eyes. It is a running pictorial commentary of what is happening in the New North.

But, the North is, as far as investment is concerned, a country for large capital. This is proved by the fact that almost every company going into the North is backed by millions of dollars.

However it is also the country of opportunity for those who will dare to cast their fate in the lap of fortune, are willing, able and if possible experienced, but it is no place for the job hunter who does not know how.

If you are contemplating going "Down North", see that you have a proper outfit, money to see you in and out, and do not expect that "Just around the corner there is a job".

The country is new, payroll towns have only commenced to operate, and skilled men are there aplenty.

So think it over before you jump into a country which, whilst a sure bet for those who can stay, will cause many an ache and pain to those who cannot.

If you are a prospector, know your rock, there are thousands of miles of Pre Cambrians which no one yet has seen for you to look over.



## SPRAYED METAL PROCESS SUCCESSFUL IN SALT INDUSTRY.

The Sprayed Metal process is working North as its merits become better understood by competent engineers, states Mr. R. Kirkpatrick, who specializes in this process in Edmonton.

He adds, it has no peer in the field of corrosion prevention to say nothing of the manifold uses in machinery salvage. Latest users have been Industrial Minerals Limited, the McMurray salt company which has had salt loading equipment metallized sprayed as a

preventative against discoloration of its product.

Kirk Metallizing Process is in operation at 11716 Fort Trail, Edmonton, where it can be seen in operation.

## Waterproof Watches

Specially Built for the North

From \$19.75 to \$50.00

Write, wire or "Holler"

If we haven't what you want we will get it for you.

**IRVING & LACEY  
Limited**

10329 Jasper Ave. Edmonton

## Specialists . . .

IN NORTHERN AIR TRANSPORTATION. OUR EXPERIENCE IS AT YOUR SERVICE

Write or Wire for Quotations

## MACKENZIE AIR SERVICE LIMITED

LEIGH BRINTNELL, PRESIDENT

HEAD OFFICE

Macdonald Hotel, Edmonton, Alta.



M. S. RADIUM KING

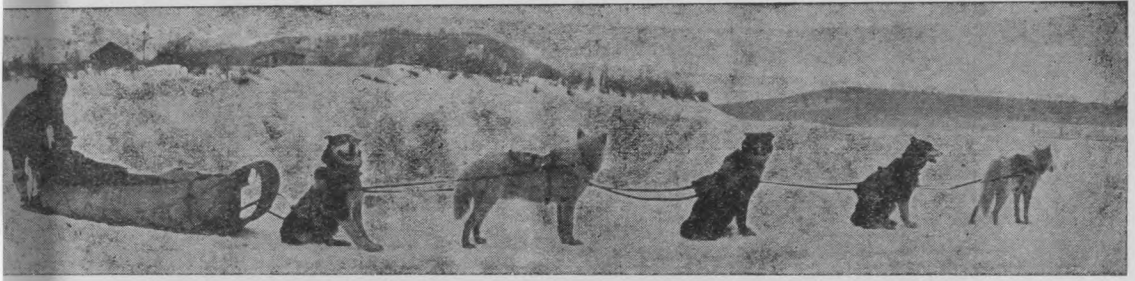
We handle all kinds of freight for Northern Points, serving—Great Bear Lake—Great Slave Lake—Yellowknife—Lake Athabasca and Lower Mackenzie River.  
New Diesel Powered boats and barges.

*For rates and information apply*

## NORTHERN TRANSPORTATION CO., LTD.

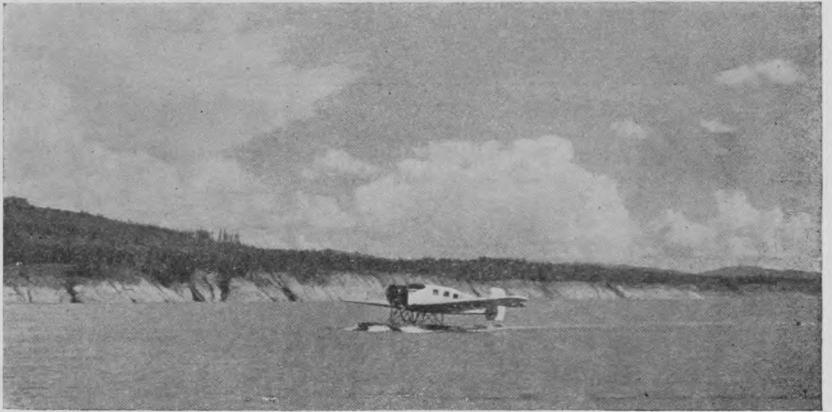
Edmonton, Alberta

*Warehouses at Waterways, Fitzgerald, Fort Smith, N.W.T.*



In the old days they went this way. In 1917 men drove dogs 1700 miles to Norman to get in on the oil boom at Fort Norman.

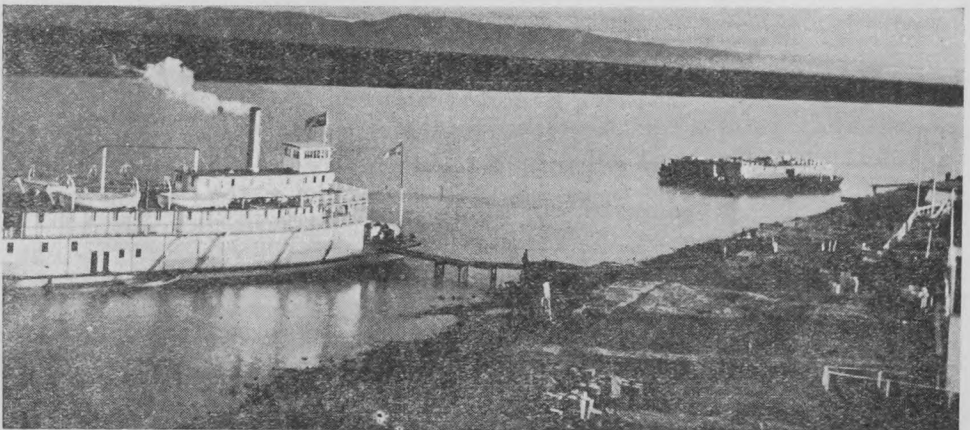
today they  
go this way . . .



Winged messengers of the air landing safely and surely on the broad reaches of the Mackenzie River.

or

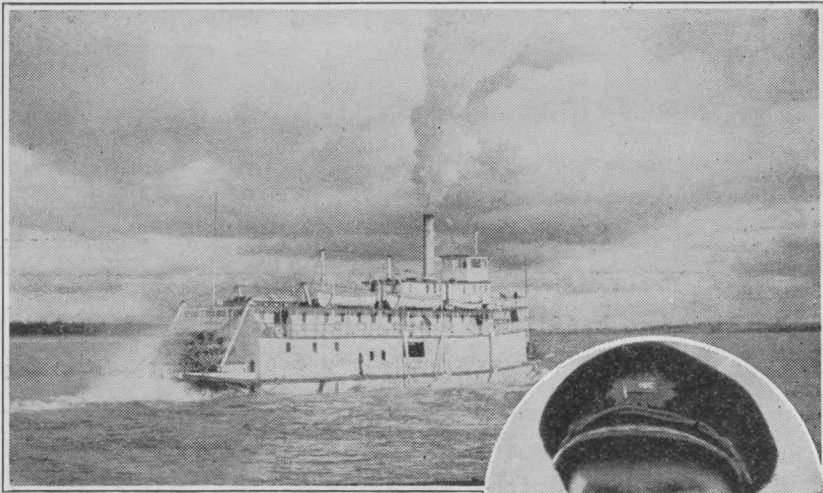
This way.



H.B.C. ss "Distributor", the Lower Mackenzie River water route link between Waterways, Alta. and Aklavik N.W.T. 2000 miles of the finest water route in the world.

In the olden days the only means of transportation in the North was the dog team. This method was replaced by horses and toboggans. It took months to make a trip.

Today air and water transportation has solved many a difficulty. Transport by air means that Edmonton is within seven hours of Great Bear Lake. Water navigation means that tons of freight can be delivered in less than 90 days to the outposts of the North, including the mining camps en route.



**DOWN RIVER:** H.B.C. s.s. "Distributor", familiar and welcome sight along the winding reaches of the Mackenzie River. Capt. Don Naylor, Master (In Circle).

## 3600 Miles of Inland Water Routes

**W**ITH the coming of Spring to the Northland, intense activity prevails at Waterways and Fort Smith where the Company's river fleet is now undergoing its annual overhaul in readiness for the opening of navigation **DOWN RIVER**.

Increased activity in the Northern Mining field will call for the dependable freight and passenger service of the Company's entire transport system. From Waterways to the Arctic plies our fleet of steamers, tugs and barges, marking half a century of dependable transportation **DOWN RIVER**.

Information and Rates from:  
Manager

### **MACKENZIE RIVER TRANSPORT**

Hudson's Bay House, Winnipeg, Man.

Agencies:

Waterways, Alta.  
Edmonton, Alta.

Fort Fitzgerald, Alta.  
Peace River, Alta.

**Hudson's Bay Company**

INCORPORATED 2<sup>ND</sup> MAY 1670

INF  
NO

T  
map  
Nor  
sug  
pub  
fron  
Don  
taw  
A  
and  
J.  
area  
G  
area  
P  
Nor  
mile  
J  
astr  
map  
M  
Slav  
M  
des  
war  
C  
Bea  
area  
R  
ada  
and  
N  
D. I  
Ath  
Geo  
3  
In  
wh  
ma  
Geo  
taw  
In  
loc  
min  
mer  
Smi

BEA

E  
min  
kni  
It a  
run  
the  
this  
ing  
of I



## INFORMATION ON THE NORTH

To those wanting information and maps on the new Mining areas of the North, and oil fields of Alberta, we suggest the following Government publications: They can be obtained from the Mines and Geology Branch, Dominion Government of Canada, Ottawa, Ont.

A. W. Joliffe Report—Great Bear and Great Slave Lakes.

J. F. Henderson — Nonacho Lake area.

G. S. Hume — Geology Vermilion area also Pekisko oil fields.

Photos taken by air engineers of North West Territories, 24,000 square miles.

J. Carroll and E. S. Fry report on astronomical observations including maps. (Seven sheets).

Maps No. 377a and 378a Great Slave Lake.

Maps 339a 363a 364a 357a 358a, describing Goldfields area Saskatchewan.

Oil Maps on Fallentimber area, Bearberry area, Wainwright-Sullivan area Alberta.

Report of National Museum of Canada on big game hunting in Alberta and British Columbia.

No. 2410 Rae to Great Bear Lake D. F. Kidd. Memoir 196 Geology, Lake Athabasca by F. J. Alcock. 36-16 Geological Map Great Slave Lake.

37:3 Goldfields area by H. C. Cooke.

In ordering the above quote number where given. There is a small charge made for copies—Address Mines and Geology Branch Dept. of Mines, Ottawa, Ont.

In addition blue print maps of latest locations can be obtained from the Administration Office, Dominion Government, Mines Branch, Ottawa or Fort Smith, N.W.T.

## BEAULIEU RIVER N.W.T.

Beaulieu River, N.W.T., is a new mining area lying East of the Yellowknife. Geologists say its good territory. It awaits the prospector, the man who runs ahead. Copies of the report of the Department of Mines, Ottawa, on this area, can be obtained by addressing Mines and Geology Branch, Dept. of Mines, Ottawa.

## FLY BY CANADIAN AIRWAYS TO THE NORTH



### FLYING SCHEDULE: NORTHBOUND

Leave Edmonton - 8 a.m.  
Tuesday, Thursday, Sunday

For: McMurray, Chipewyan and Goldfields, with connections for Fond Du Lac and Stony Rapids.

Leave Edmonton - 8 a.m.  
Thursday and Sunday

For: Fort Smith, Resolution, Outpost, Yellowknife, Gordon Lake.

### SOUTHBOUND

Leave Yellowknife - 7 a.m.  
Tuesday and Friday

For: Gordon Lake, Outpost, Resolution, Smith, McMurray and Edmonton.

Leave Goldfields - 1:30 p.m.  
Tuesday, Friday and Sunday

For: Chipewyan, McMurray and Edmonton.

Service to: Hay River, Providence, Simpson, Wrigley, Norman, Good Hope, Arctic Red River, McPherson and Aklavik.

Leaving Edmonton: February 7th  
28th and March 21st

SUBJECT TO CHANGE  
WITHOUT NOTICE

For Further Particulars Apply To

**Canadian Airways  
Limited**

EDMONTON, ALBERTA

# THE KING EDWARD HOTEL

Centrally Located. Moderate Rates. First Class Rooms

**WHERE NORTHERNERS MEET**

On 101st Street.

Edmonton, Alberta.

## Western Construction & Lumber Co., Ltd.

P.O. Box 446

**EDMONTON, ALBERTA**

Manufacturers of Spruce Lumber and Timbers

**WRITE FOR SPECIAL QUOTATIONS FOR THE NORTH!**

Also Contractors in Earth, Rock, Cribb and Dam Work.

WE SPECIALIZE IN

## **NORTH COUNTRY SHIPPING**

Operating one of the finest modern warehouses in Western Canada and carrying a complete line of Groceries, Fresh Fruits, etc., we are equipped to render you the best service possible at all times. . .

**30 YEARS' EXPERIENCE**

**in handling of foodstuffs for the far North is your assurance of—  
QUALITY, SERVICE, and LOWEST PRICES**

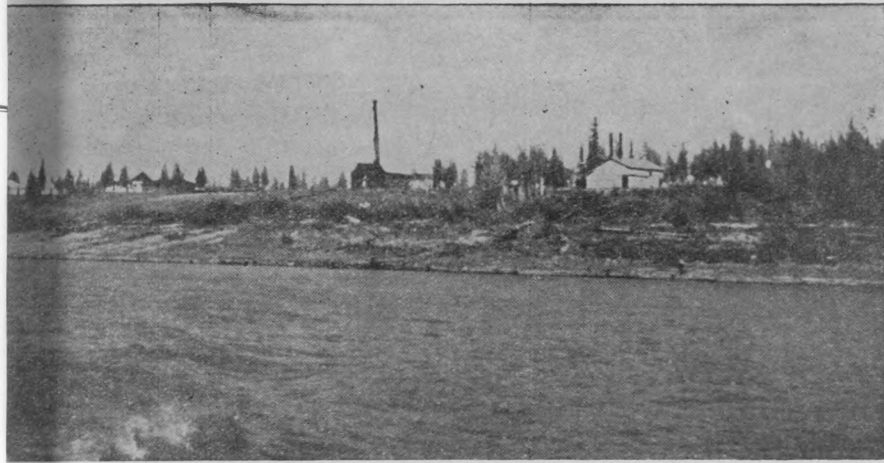
Write for Complete Grocery Catalogue

# **H. H. COOPER**

LIMITED

P. O. Box No. 10

EDMONTON, ALBERTA



## CANADA'S MOST NORTHERN OIL REFINERY

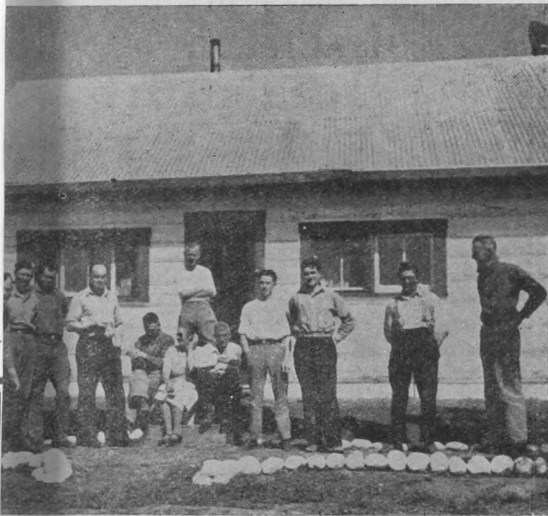
The Imperial Oil Refinery, 50 miles below Fort Norman on the Mackenzie River, is the most northerly oil refinery in Canada.

The Fort Norman refinery—Farthest North of all.

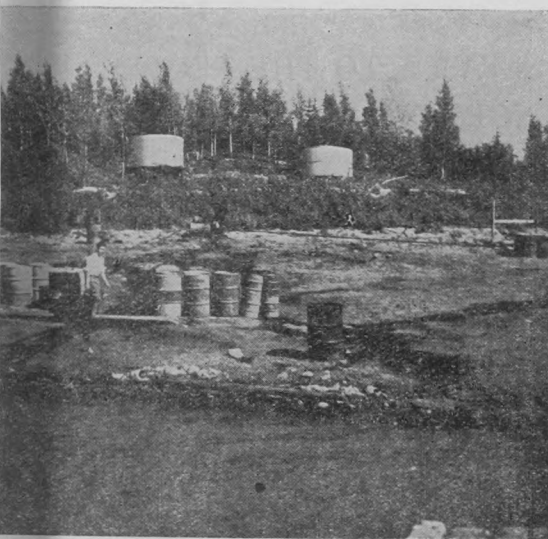
When men stam-  
ped in 1917 with dog teams from Edmonton to Norman and staked oil leases, few thought that within a few years, this northern oil supply would prove a lifeline to the mining industry of the North, for there was no mining industry when the Norman well came in and was capped to await develop-  
ments.

Today, a system of storage tank stations have been placed at various points in the North, where Fort Norman oil is stored for mine use. A pipe line, 8 miles in length takes the oil around the rapids on the Bear River, en route to the Eldorado mines and tanker barges ply between Norman and Great Slave Lake, the Yellowknife and other up stream points.

Oil at Fort Norman was discovered at a depth of 900 feet, and oil bearing strata is known to exist for 50 miles along the Mackenzie River, north. In addition many geologists claim that other parts of the North, particularly around Great Slave Lake are potential oil areas.



The staff at Fort Norman Refinery. Ronald W. McKinnon, manager of refinery, is standing in the doorway.



Consignment of oil and gasoline awaiting transportation from Canada's farthest north oil refinery, Fort Norman.



Mrs. Joe Plante inspects her garden



## A RECORD OF PROGRESS.

Some fifteen years ago Edmonton desired to get what is now known as the Jasper Highway. Much thought and a little action was expended in getting the Alberta Farmer Government to see the error of its ways and try to build it.

Today we have a through route to Jasper, passable most of the time for tourist cars.

Some thirteen years ago, there was considerable agitation for a Peace River highway, which before that time was little else than a cow track.

That highway is in existence today and Edmonton benefits accordingly.

The latest is a road to connect the new mining fields of the North with Edmonton. Once again there is agitation, it seems as if all governments listen to agitation of the public mind or shall we say votes, and once again, according to government promises, we are to have a road to Great Slave Lake.

All this goes to show the value of publicity in order to get what spells prosperity and security to Edmonton.

The Nor West Miner had a say in all three. It does not claim to have done it all, but it did, and is doing, its share towards putting Edmonton on the tourist map, the mining map, the payroll map of Alberta. Think it over.

KEEP YOUR GRUB FRESH

in the

**COOLERATOR**

Natures Answer to

**HEALTH and**

**FOOD QUALITY**

SOLD BY

**The Arctic Ice Co.  
Ltd.**

**EDMONTON**

## INSURANCE & GENERAL INVESTMENTS

**Accident and Life**

12 YEARS OF DEPENDABLE SERVICE TO THE PEOPLE  
OF THE NORTH

ENQUIRIES WELCOMED

**H. H. FREE**

823 TEGLER BUILDING

EDMONTON

## GUARDIANS OF THE NORTH

No issue on the North could be complete without these fellows.

They do their work along the same lines as when they policed Alberta and the West, when a visit to the lonely settlers was recorded at Ottawa: "No Complaints".

Law? Yes, they enforce it, tempered with justice and mercy.

They are more concerned in the protection of the unfortunate than in the "Grim Criminal Code".

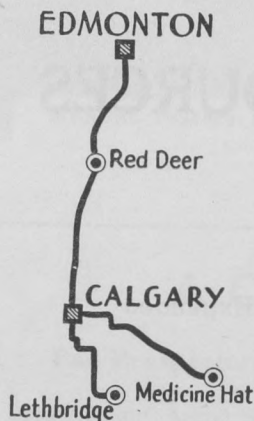
Friends of all—Trappers, traders, prospectors, miners, settlers and "Lo" the Indian, they occasionally take a



night off to see the sights under the Aurora Borealis.



## EATON'S IN ALBERTA



Serves the Entire Mineralized Area of the Great Canadian Northwest

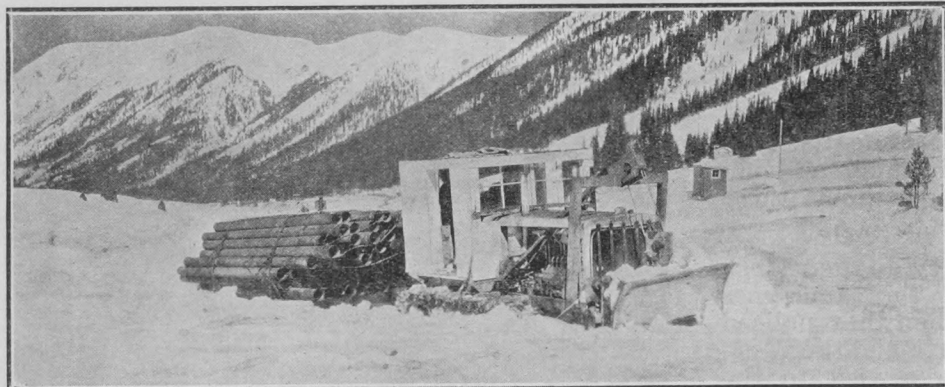
EATON'S welcomes every visitor to this province—and especially those who are bound for the Great Hinterland. We will help you outfit for your expedition "down North".

IF YOU'RE ALREADY IN THE NORTH you can still shop at EATON'S in Edmonton. Write, radio or wire—one order will convince you that

**"IT PAYS TO SHOP AT EATON'S"**

**THE T. EATON CO**  
WESTERN LIMITED  
Edmonton : : Calgary

TECO STORES—LETHBRIDGE, MEDICINE HAT AND RED DEER



## SUPPLIES COME THROUGH on SCHEDULE

Behind the sure-treading, weather-defying "Caterpillar" Diesel Fifty tractor rides a 14-ton payload. Mountain storms leave deep drifts and icy footing, but the broad, sharp grouser tracks hold their firm grip and the "Caterpillar" is its own trail breaker with the front-mounted snow plow. Only transportation unit on this high altitude operation, "Caterpillar" Diesel tractor holds to an all-season schedule and eliminates costly delay. Conquering ditches as they come, it is using only \$1.80 worth of low-cost fuel oil per 8-hour day. Ask us for complete information on how "Caterpillar" Diesels are cutting the hauling costs for mine operators throughout the Dominion.

PARTS and EXPERT MECHANICAL SERVICE AVAILABLE

## UNION TRACTOR & HARVESTOR Co. Ltd.

CALGARY

10626 101st STREET, EDMONTON

LETHBRIDGE

By the Development  
and Use of Alberta's

## NATURAL GAS RESOURCES

New Wealth is Created  
and Distributed Within  
the Province

During 1937 Edmonton's Gas Company Expended  
In Alberta the Sum of

**\$603,780.00**

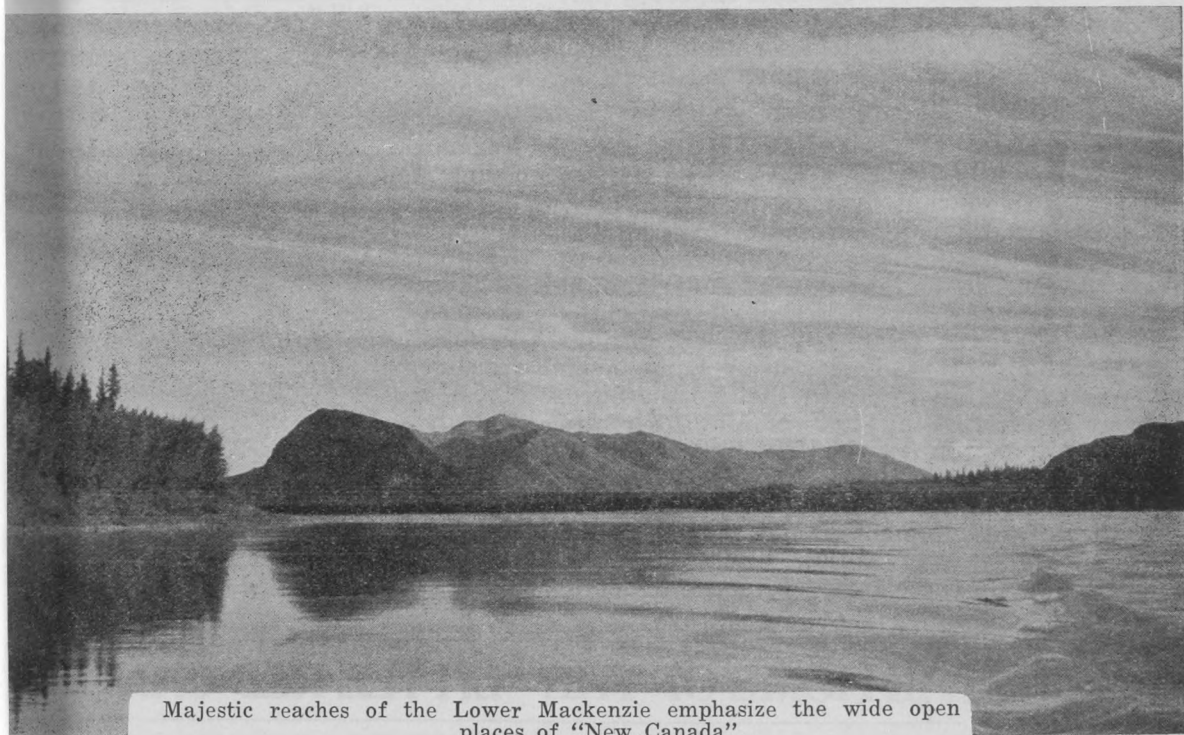
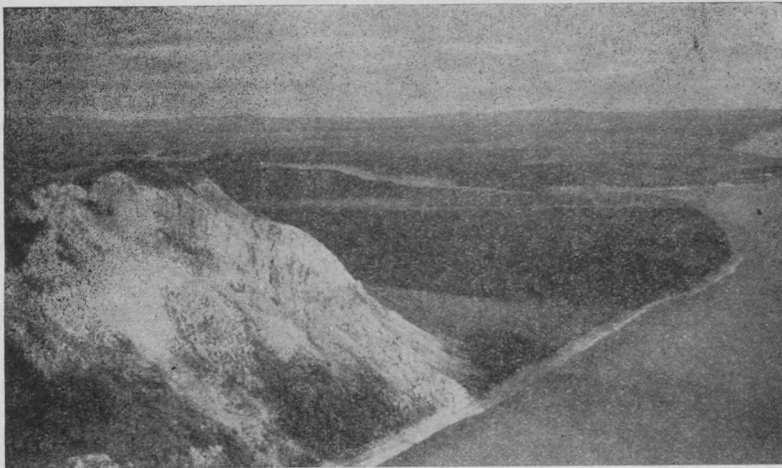




## **E SENTINEL OF THE GATE**

er Rock, Fort Norman entrance  
Bear River and the Radium Mines  
Great Bear Lake.

in here boats leave the Macken-  
to go up Bear River 75 miles to  
at Bear Lake and across the lake  
Echo Bay . . . 220 miles.



Majestic reaches of the Lower Mackenzie emphasize the wide open places of "New Canada".

## **A COMPLETE SERVICE**

**For Prospectors and others pioneering in the Northland.**

A Letter to our Aerial Shopping Service will bring you a pamphlet with complete listings of lines we are prepared to supply.

## **JOHNSTONE WALKER LIMITED**

Edmonton's Own Store

Established Over 50 Years Ago.

## HYDRO PLANT AT YELLOWKNIFE

Latest reports state that the Consolidated are planning to establish a hydro plant on the Yellowknife River at the outlet of Prosperous Lake. Claims held by Ed Demelt, Stevens and Matthews and J. A. Morie have been acquired by the Company in this location, it is stated. The Lily group and the Jacks group, comprising part of this property, are stated to have good showing, the vein with an average width of  $8\frac{1}{4}$  feet having been traced for between 600 and 800 feet across these groups. It is expected that a mill will be erected at this point should development stand up. Twelve men are at present engaged in development work on the properties.

## ROADS TO THE NORTH . . . WHY WORRY? . . .

Some want rivers to the North. They have them. Some want roads to the North, they are coming, for nature when it suggested that snow should cover the terrain in the winter months told man: "Here is your road, unsinkable and ready for use." Some even want railways into the North. Sure, brother, they are coming, directly mining tonnage justifies. In 1929 there was nothing in the North but a few prospecting parties. In 1938 there are mills, mining companies, million dollar shipments of radium ore. That is the story of the North, with more to come.

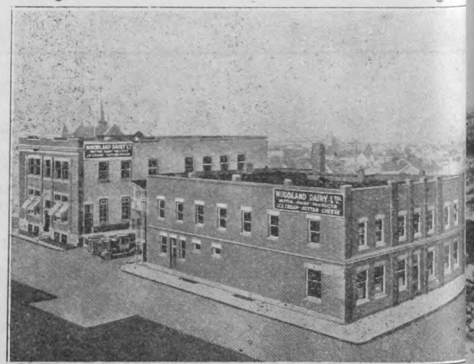
## AIR RATES FROM EDMONTON

To	Single Fare
Lac La Biche .....	\$10.0
Athabasca .....	10.0
Wabiscaw .....	35.0
McMurray .....	25.0
Bitumont .....	35.0
Embarass .....	45.0
Chipweyan .....	50.0
Goldfields .....	70.0
Fitzgerald .....	60.0
Resolution .....	90.0
Hay River .....	105.0
Providence .....	130.0
Simpson .....	150.0
Wrigley .....	165.0
Norman .....	180.0
Good Hope .....	210.0
Arctic Red River .....	225.0
McPherson .....	235.0
Aklavik .....	250.0
Rocher River .....	90.0
Outpost .....	100.0
Yellowknife .....	110.0
Gordon Lake .....	125.0
Rae .....	125.0
Hottah Lake .....	145.0
Camsell River .....	155.0
Cameron Bay .....	175.0
Coppermine .....	200.0
Fond du Lac .....	80.0
Norite Bay .....	85.0
Stony Rapids .....	90.0

## THE HOME OF THE "LITTLE RED CAN".

"The Woodland Dairy Limited is known throughout every mining camp, trading post and settlement for its famous butter, packed in the "Little Red Can". Its particularly packed for Northern use and costs no more".

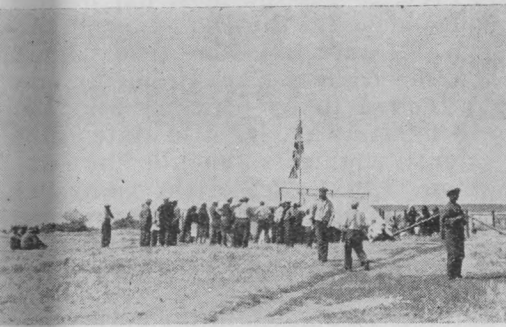
Also manufacturers of quality cheese. When you make up your supply list, specify Woodland "Little Red Can" butter.



## WOODLAND FAMOUS BUTTER

ON

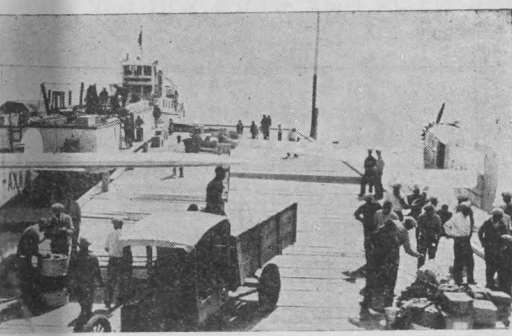
Far  
10.0  
10.0  
35.0  
25.0  
35.0  
45.0  
50.0  
70.0  
60.0  
90.0  
05.0  
30.0  
50.0  
65.0  
80.0  
10.0  
25.0  
35.0  
50.0  
90.0  
00.0  
10.0  
25.0  
25.0  
45.0  
55.0  
75.0  
00.0  
80.0  
85.0  
90.0



### INDIANS STAGE "STAND UP" STRIKE

Every year the Indians of the North foregather at the various settlements in the North, where Government officials pay yearly treaty money to them. This treaty money represents a solemn agreement between the "Great White King" and his Indian subjects. Last year, Indians took a leaf out of the whiteman's book, being dissatisfied with the way treaty was being paid, they staged a "Stand Up" strike at Fort Resolution to air their grievances.

Indians staging a "Stand Up" strike at Fort Resolution, N.W.T.

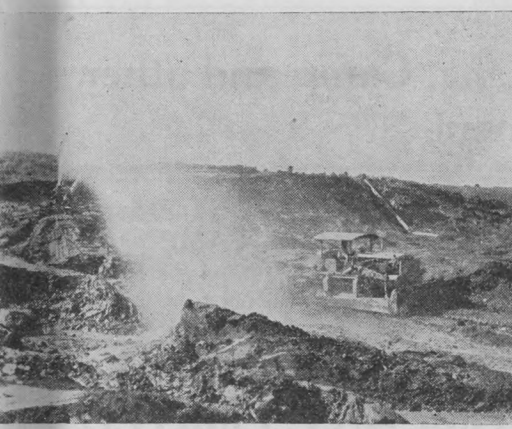


### ILLUSTRATING NORTHERN TRANSPORTATION

First the "Old time water transport. Second the aeroplane which has cut time and distance; and The truck representing motorized transport.

By boat, truck and air, freight goes on its Northern way. Scene on Resolution Dock.

### All opening up the North



### MODERN TRANSPORT IN NORTH

Diesel Caterpillar tractor makes the "dirt" fly as miners dig into placer ground in Northern B.C. This tractor is supplied in Alberta by Union Tractor Co. Ltd., Edmonton and Calgary.

Caterpillar Diesel making the dirt fly on placer ground.



## WELL KNOWN INSURANCE MAN VIEWS NORTH

Known to almost everyone in the North, where he has made regular trips for several years, Mr. Free of the North American Life, is one of the few business men in the West who can speak from first hand knowledge as to what the North requires to round out the present active mining and other developments going on. He suggests, in an interview with the North West Miner, that perhaps the most important and pressing need for the North, is direct representation in the Dominion House of Parliament. He pointed out that whilst the system of Government by Council may have answered requirements in the past, such is not the case today, when so many improvements have to be made to meet the changed conditions.

It takes first hand knowledge, states Mr. Free, to get the most out of the monies spent by the Dominion in the North. He adds, the time is long past when the country's requirements can be attended to by officials who are 3,000 miles away. He also states that resident engineers should be appointed to take care of the many improvements now being made.

## WILDFOWL FLY IN THE SPRING

Wildfowl go north in the spring because they know that the North is an ideal resting place during the summer months. Prospectors are flying North in the Spring, because they, too, know that North of 53 are the prizes that await the man who knows rock, can show rock and talk rock to capital who wants rock which will pay dividends.

## Serving The Mining Camps Of The North

When ordering your season's supply of groceries and fruits, you desire the best in quality and price. You also, require goods to be packed so as to withstand transportation and other risks. . .

WE MAKE A SPECIALTY OF SUPPLYING GROCERIES  
AND FRESH FRUIT TO THE TRADE

## WESTERN GROCERS LIMITED

Canada's Largest Wholesale Grocery and Fruit Distributors

(Write for latest price list)

EDMONTON, ALBERTA

## Special Attention to Mining, Camp and other Equipment

We Carry Complete Stocks of

**BUILDERS' SUPPLIES, HOTEL, RESTAURANT, CAMP  
and BOARDING HOUSE EQUIPMENT**

**KELVINATOR REFRIGERATION EQUIPMENT FOR ALL PURPOSES**

Write or Wire Your List to

## THE SOMMERVILLE COMPANY, LIMITED

10324-103rd St.,

Edmonton, Alberta

Phone 26707, 26504

# BIG GAME HUNTING AS A REAL SPORT

Phillip B. Esswein, of Little Prairie northern B.C., has his own ideas as to what hunting parties require, and to illustrate these, it should be mentioned that at his home on the northern trapline which, during the winter months, produces plenty of beaver, mink, wolves and other fur, he has installed an emergency airplane landing field, so that anyone desiring big game trophies can land right on the ground by aeroplane, can do their hunting in a few days and fly out with their full bag, the joy of every big game hunter.

Mr. Esswein is a big game hunting enthusiast. He has taken many parties into the field, giving them real hunting, which is borne out by the fact that he recently returned from New York, where he was a headliner, according to American newspapers, at a banquet given by New York sportsmen.

—The Esswein Ranch at Little Prairie.

PHOTOGRAPH—“Big Horn” Head Now Rests in the Museum of the American Museum of Natural History, New York.

PHOTOGRAPH—A Real Moose Trophy.



## BIG GAME HUNTERS:

### Moose, Caribou, Grizzly, Sheep and Goats

I have guided parties and produced the goods for 25 years in British Columbia. Come overland—or fly to my private landing field—elevation 2100 feet, making it easy for planes to land.

The utmost comfort and service. Reservations for the 1938 season now being made.

Write or wire:

**P. B. ESSWEIN**

Registered and licensed guide for British Columbia  
Little Prairie, British Columbia, Canada

# Errington Interests Have Large Development Programme

A. E. Kipps, engineer and field executive for the Errington holdings, advises that work has already commenced on claims recently acquired by Nicholson Mines Ltd. in the Yellowknife Bay section. It is understood that this company, originally organized on properties of J. D. Nicholson, well known old timer of Alberta and the North country, and financed by Errington and associates, has acquired two groups of valuable claims well located and close in to the Yellowknife Bay discoveries.

It is stated that Mr. Errington and associates have also acquired the properties owned by the Yellowknife Gold Mines Ltd. (Alberta), Northern Yellowknife Mines Ltd. and Walsh Lake Golds Ltd., and intend active developments of each of these properties during the present season.

Mr. Kipps advises that diamond drill operations have already commenced on the Meg claims of Yellowknife Gold Mines Ltd. and on the Fox claims of Northern Yellowknife Mines Ltd.

Negus Gold Mines Ltd., also controlled by the Errington group, have

completed present diamond drill programme, have shaft sinking under way and a milling plant now at Waterways en route to the property by first boats. Values are reported very bright in an extensive vein system. The mill is expected to be in production by next winter.

Mr. Kipps states he confidently expects material developments during the next few years throughout that section of the North West Territories.

It is generally understood, among the mining fraternity, that Mr. Errington and his associates are committed to expenditures of nearly a million dollars for the season of 1938 in development of a number of valuable properties which they have acquired during the past few months.

The Norwest Exploration Company Ltd., 104 Commercial Chambers, Edmonton, Alberta has recently acquired a group of claims at Otter Lake, covering Yellowknife Falls, with a possible power development estimated by engineers at up to 40,000 horse power. This company has been very active in the Yellowknife, Gordon Lake and Snare River fields, and have valuable holdings in each of these sections.

**PROSPECTORS  
MINERS  
PIONEERS OF  
THE NORTH**



*THE BEST FOR LESS*

WHEN YOU DEAL AT WOODWARD'S

**YOUR SATISFACTION  
IS OUR HIGHEST AIM**


*Good Service, First Quality Merchandise at  
Reasonable Prices*

**WRITE WOODWARD'S FOR YOUR NEEDS  
EDMONTON, ALBERTA**




## THAT ALASKA HIGHWAY

Notwithstanding the suggestion of our B.C. friends that the only way to Alaska is via Hazelton and the coastal line, it is still reiterated that the natural route is through Edmonton to Alaska by road. Old timers proved it, engineers agreed and now today, when a road from the South to the North is being considered, it is suggested that Edmonton is on the route. It had to be from a topography point of view, from an economic point of view, and if, alas, it should be required to send troops and tanks over instead of tourists, it will do its "bit" towards safeguarding Canada and the Empire". The U.S.-Alaska highway is over half built anyhow via Edmonton.



**ILLUSTRATION**  
Is the *LIFE* of Advertising  
See **McDERMID STUDIOS LTD.**  
EDMONTON



## DON'T RISK THEFT!

OF YOUR

**STOCKS, BONDS OR VALUABLES**

When They Can Be Safe in One of Our  
**SAFETY DEPOSIT BOXES**

**ACCESSIBLE 8 HOURS A DAY**

From 9 a.m. to 5 p.m. Saturday, 9 a.m. to 1 p.m.

INQUIRIES INVITED

**The Canada Permanent Trust Company**

10126-100th Street.

H. L. SPANKIE, Manager.

## WESTINGHOUSE . . . .

### Radios — Refrigerators — Washers

Inquire About the New Cushioned Action Power Washers

**WASHES CLEANER — LASTS LONGER**

## WADE & RICHARDS

GUARANTEED SERVICE

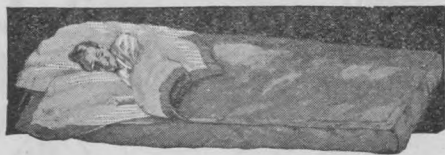
RADIOS — REFRIGERATORS — APPLIANCES

First Class Gov't Licensed Technician

10075-100th Street — EDMONTON

# WOODS 3 STAR EIDERDOWN ROBES

ALWAYS STOCKED



Complete Range of Woods Tents, Parkas, Packsacks and everything for Prospector, Miner and Camper.

Woods Famous **Explorer Parkas**, lined, or unlined—Extra light weight, short or full Zippers.

**WOODS QUALITY CLOTHING—EVERY ARTICLE GUARANTEED**

SPECIAL—Wood's Prospector's (full size) Eiderdown \$27.50

## UNCLE BEN'S EXCHANGE

(26 year's experience)

Est. 1912

Cor. 102nd Ave. and 101st St.  
WE SPECIALIZE IN MAIL ORDERS

Edmonton, Alta.

# BUILDING SUPPLIES

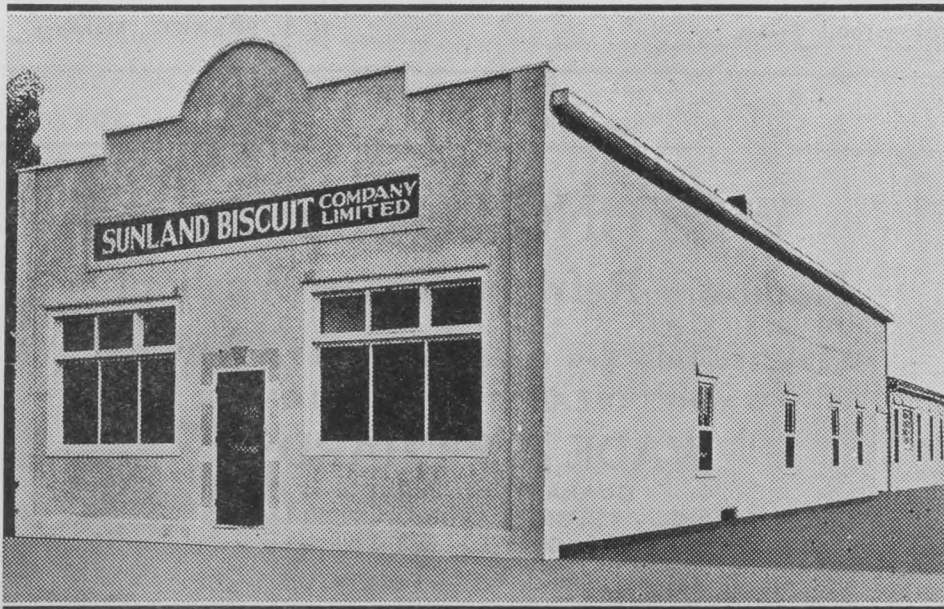
Lime, Cement, Plaster, Ten-Test Insulating Board, Roofings,  
Building Papers, Sash, Doors, Interior Finish, Etc.

Makers of

MONARCH PAINTS, VARNISHES, ENAMELS

**THE EDMONTON PAINT & GLASS Co., Ltd.**

## THE HOME OF SUNLAND BISCUITS



We specialize in Biscuits for Prospectors, Miners and Trappers

**THE ONLY BISCUIT MADE IN NORTHERN ALBERTA**

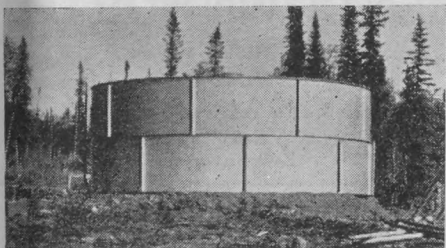
**Northerners: Why Not Comfort?**

**National Home Furnishers  
Edmonton, Alberta**

have a complete line of furnishings especially adapted to camp use.

Jasper Ave.                      Edmonton Alberta

**OIL TANKS  
FOR THE MINES**



**B.S.&B. PERFECTION** Sectional Steel. Bolted tanks, flanged stave construction. Light weight—saves freight—easy to erect. Saves labor—tightness saves oil.

In sizes from 8000 to 150,000 Imp. Gal. Capacity

Now in use at Norman wells, Yellowknife, Gordon Lake, Bear River Rapids, Fort Franklin and Eldorado

For Quotations Write or Wire

**KARL H. ADAMS**

DISTRIBUTOR

2329-3rd Ave. N.W.

CALGARY, ALBERTA

**MACKENZIE AIR DOUBLES ITS  
BUSINESS TO NORTH**

As a vivid illustration of the progress being made in Edmonton's mining north, the annual report of Mackenzie Air Service Ltd., an Edmonton pioneer air company of the North makes air transport history.

Business more than doubled in 1937 over that of 1936, says the report. Air hours flown were 4,530 in 1937 as compared with 2,769 in 1936. Express carried was 1,151,001 lbs. as against 509,100 in 1936 and passengers carried numbered 2,708 as compared with 1,668 in 1936.

In November 1937 the Company was awarded the Mackenzie River and northern mail contract for four years, and this has added \$65,000 yearly to the gross revenue of the Company without adding much to operating expenses, owing to schedules already being maintained to many of the post offices.

The Company wound up the year with a net profit of \$27,419, before income tax was deducted. Gross operating revenue was \$249,711 as compared with \$134,050 in 1936. Current assets over liabilities exceeded those of 1936 by \$124,092. Purchases of new modern aircraft increased fixed assets to \$169,715 or double those of the preceding year.

The Company has established a splendid record for air service to the North with no accidents or other mishaps. Services also being regularly maintained both winter and summer.

**Comfort  
Insurance**

Only One Premium  
to Pay

Dividends Each and  
Every Year



PATENTED

PRODUCED IN ALBERTA

**MOSS-TEX LIMITED**

MANUFACTURES OF MOSS-TEX PRODUCTS

10728 102nd Avenue

Edmonton, Alberta

Phone 26588



FOR ENQUIRY RE INVEST-  
MENT, REAL ESTATE AND  
PROPERTY



ADDRESS

**CREDIT FONCIER  
F. C.**

Edmonton, Alta.

**MOVES TO NEW QUARTERS.**

Edmonton Furriers, established 14 years ago by Mr. J. Jacobs, recently moved from its old premises to new quarters on Jasper Ave. facing the Corona Hotel. When Edmonton Furriers started up in business it occupied 400 square feet of space. Today its new quarters have 4800 square feet of floor space. The new quarters are fitted up in most modern style, with show rooms, air condition cold storage and modern repair dept. The firm is well known in the North, many trappers sending the fur obtained by them to Edmonton Furriers for purchase.

**MEN DOWN NORTH**

Accident and Sickness Insurance  
NOW

At Same Rates As Rest of Canada  
Phone 23216. Write 439 Tegler Bldg.  
Edmonton

**Machine Shop Equipped  
To Handle Any Job—  
WATEROUS LTD.**

Also—  
Diesel Engines  
Diamond T Trucks  
Leyland Trucks

Lynn Tractors  
Mine Machinery  
Sawmill Machinery

10419 96th Street

PHONE 24403

EDMONTON, Alberta

**MINING STOCKS**

**GREAT BEAR LAKE, YEL-  
LOWKNIFE, GOLDFIELDS  
and Others**

Handled through the facilities of our private leased wires leading to all important exchanges.

**GILLESPIE GRAIN  
CO. LIMITED**

McLeod Bldg., Edmonton

**BARBER, BEAUTY and  
Billiard Supplies.**  
Smallware and Smoker  
Supplies

**Alberta Supply Company  
(Wholesale)**  
7 Richardson Bldg.  
Edmonton

**Sickness and Accident  
Insurance in N.W.T.**

We are glad to announce we have made arrangements whereby we can issue sickness and accident insurance for Northern points at the same rate as applies in other parts of the Province.

**The Pioneer Insurance  
Agency**

439 Tegler Bldg. Edmonton

**DENTISTRY  
Dr. L. R. DODDS**

Periodic visits to McMurray  
Smith, Yellowknife, Eldorado  
and Coppermine.

403 McLeod Bldg.  
Edmonton, Alberta  
Phone 26757

**BUILDING MATERIAL  
OF ALL KINDS**

Lumber, Sash, Doors, Glass  
Ten Test Board, Core Boxes  
Scow Planking

**PRICES RIGHT  
W. H. CLARK**

LUMBER CO. LTD.

109th Street EDMONTON

**DEFINITE SAVINGS  
ON FURNITURE**

Write us for prices and information—We can supply  
Your Wants

**Sterling Furniture  
EDMONTON**

Out of the high rent district  
to save you money

14  
ntly  
new  
the  
Fur-  
ccu-  
day  
feet  
are  
with  
page  
m is  
rap-  
hem  
e.

## BOATS BUILT IN SOUTH NORTHERN WATERWAYS

For the first time in the history of the North, steel boats are being tried on Northern Waterways. Diesel powered, sturdily constructed, they aim to take care of the huge tonnage offering for the northern mines.

These boats push 300 barges ahead of them as they work their way north to the Yellowknife, Goldfields and the Mackenzie River.

They are equipped with full passenger accommodation, ample freight space and even cold stor-

As they wend their way northwards the "Land of the Midnight Sun" they spell comfort for all who travel northern routes to the great areas of the North.

RIAL  
Glass  
Boxes

D.  
NTON

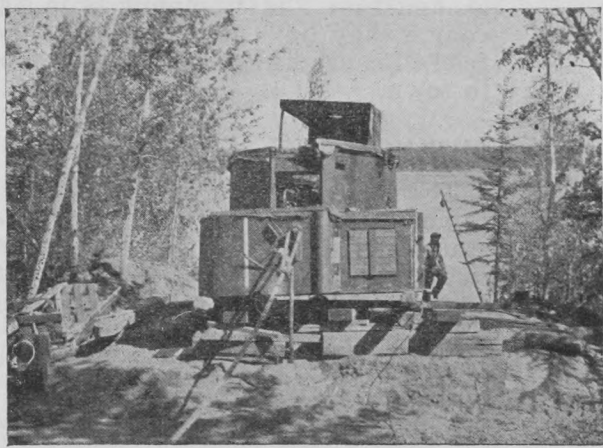
INGS  
E

and in  
pply

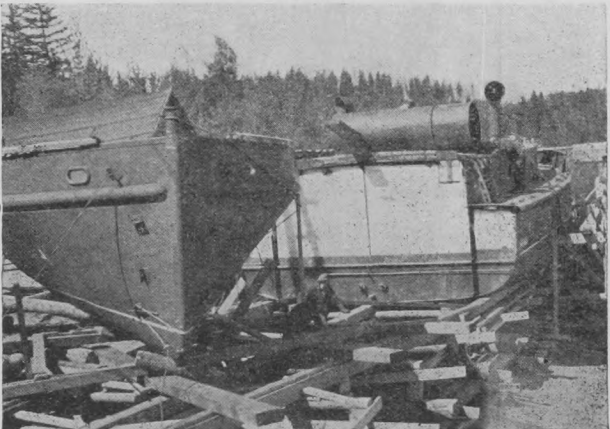
re  
istrict  
y



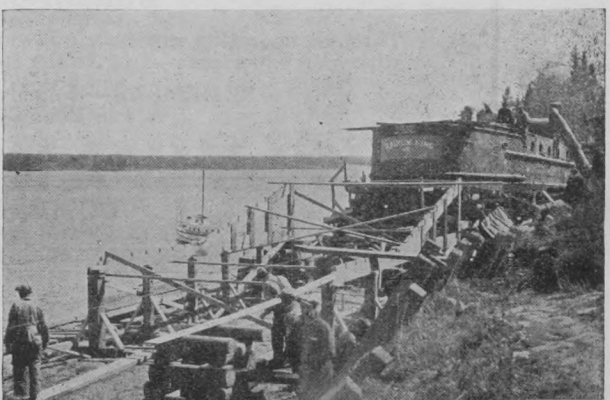
"Radium Queen" first Diesel powered river craft to plow the shallow reaches of the Athabasca.



"Radium King" arriving at Smith in sections.



Welding the hull instead of riveting makes "new pusher" tugs 20 per cent lighter.



Thirty five men worked during sub Arctic 21-hour days to put these boats together.

## IT COSTS MONEY TO LIVE AT YELLOWKNIFE

Reports from Yellowknife describing cost of living are enlightening to those who figure that it is a poor man's country.

Flour costs \$10.50 a hundred. Coal oil \$1.25 a gallon and gasoline the same price. Other things of course are proportionate and according to advice, the stores are almost sold out. It's a long time until the boats start to run, so the advice tendered to one and all is—take some in with you unless you want to live on Jack rabbits which are not there, or join the Indians and chase the elusive caribou around Fort Rae. Company grub? Of course they have it, but they cannot feed the aerial hitch hiker who comes to town.

## MINING LAWS

The new Government of Quebec, famous for its "Padlock laws" has started in to regulate the mining industry of that province. The result has been an exodus of prospectors from areas in that Province known to be

rich, into new unknown areas which might be rich.

Edmonton and North West Territories extend an invitation to all such prospectors in Quebec who cannot make it stick, to come to the North West Territories, where the Pre Cambrians are virgin, unscratched and present lots of opportunity. Laws they are O.K. from a prospector point of view, for law has not yet caught up with development in the North.

## Alexander Diamond Drill Co. Ltd.

C.P.R. Bldg., Toronto  
EL. 2289

DRILLS AND CREWS  
IMMEDIATELY AVAILABLE IN  
Amos, Rouyn, Red Lake, Kenora,  
Yellowknife, N.W.T., and anywhere  
else in Canada

1 Cedar St. New York; Dominion  
Square Bldg., Montreal; Empire  
Block, Edmonton



## Miners and Prospectors

We specialize in all kinds of canvas goods.  
Manufacturers of Tents, Tarps, Parkas, Pack Bags,  
Clothing. Agents for Woods & Pioneer Robes.

OVER 40 YEARS' EXPERIENCE

## Edmonton Tent & Awning Co., Ltd.

R. KENNETH, Mgr., 10046-102nd Street.

Edmonton, Alberta

## Edmonton's LUMBER Headquarters . .

EVERYTHING NEEDED IN CONSTRUCTION OF  
BUILDINGS, BOATS, ETC.

Through operating our own millwork plant we have every facility—coupled with long experience—to give the North Country the Direct Service they need

**REMEMBER—Reliable Prices and Quality Goods**  
is our Policy and your Guarantee

## HAYWARD LUMBER

COMPANY, LIMITED

EDMONTON

ALBERTA



### YOUR HEALTH

(R&S) Rheumatism and Stomach Powders contain 10 ingredients all Roots and Herbs, removes the cause and eliminates at the same time. 5000 Edmonton Citizens testify that (R&S) does eliminate Rheumatism, Arthritis, Nertitis and Stomach troubles of any form. 2 weeks \$1.50, one mo. \$3.00, two mos. \$5.00, ask your druggist, or send direct to the Manuf. J. C. McIntyre, Box 374 Edmonton.

### ARE YOU BUILDING?

#### Consult

**D. R. FRASER & CO. LTD.**

Operating one of the largest modern Sawmills in the Province. Timber Berths and Sawmill at Fraspur, Alberta, other mills at Breton, Berry-moor and Drayton Valley.

Head office and retail yard  
EDMONTON

### ALBERT C. BARNES

Shorthand Reporting Bureau.  
Phones 21313 - 32514  
501 Agency Building Edmonton

### JOHNSON'S

The Leading Cafe in Edmonton  
Cor. Jasper Ave. and 101st Street

### ALBERTA ELECTRIC SUPPLIES LTD.

H. S. Craig, Manager  
Wholesale Distributors  
McFarland Bldg. Edmonton  
Phone 27231

### NORTHERNERS . . .

Your eyes are all important  
When necessary consult

### Wm. T. Innes

Optician 10128 101st Street,  
Edmonton

### RAILS

C. S. Sutherland, Ltd.,  
Edmonton  
Evans, Coleman & Evans,  
Vancouver, B.C.

### BRONZE, SEMI-STEEL and ALLOY CASTINGS

Machine and Blacksmith Work  
Best of Service and Workmanship  
Norwood Foundry Co. Ltd.  
9111 111 Ave. Ph. 71742

### TEA AND COFFEE

Bakewell Tea & Coffee Co.  
Ideal for Northern use. Ask for  
Bakewell Coffee  
10237 109th Street Phone 24998

### Assayers and Analysts

### The CHRISTOPHER RILEY Assaying Co., Ltd.

10176 104th St. Edmonton  
Alta., Phone 22313

### BOOKS

#### Reference—Entertainment Education—Mining

We can obtain any reference works on mining, geology, etc.  
**OXFORD and CAMBRIDGE  
BOOK EXCHANGE**  
9839 Jasper Ave. Edmonton

### O. D. BUSH

#### DIAMOND DRILLING CONTRACTOR

Bank of Nova Scotia Bldg.  
Edmonton, Alta.

Day Phone 21151  
Night Phone 32489

### W. T. COTTLE GUNSMITH

10250 101st Street  
Repairs to all makes of Guns  
Gun Parts and Rifle Sights

### LIBERTY MACHINE WORKS LTD.

Equipment to handle any work  
Sam Nichols, Manager  
10247 103rd Street,  
Edmonton Alberta

### MAPS

Up to date and complete Yellow-knife, Goldfields, Gordon Lake, Great Bear and Great Slave.  
Surveys, Drafting, Engineer Reports

### C. B. ATKINS

Surveyor and Engineer  
510 Agency Bldg. Edmonton

For Blue Printing, Drafting,  
Engineer's Supplies

### TURNER DRAFTING CO.

McLeod Building  
Ph. 21561 Edmonton, Alta.

### H. A. MACKIE, K.C.

Special Attention to Legal  
Work for Mining Interests  
109 Commercial Chambers  
Edmonton, Alta. Ph. 25376

### SAW MILL MACHINERY

Emergency Mining Repairs

### NICHOLS BROS.

Machinists, Brass and Iron  
Founders

10103 95th St. Edmonton, Alta.

### FOR TANNING . . .

Ship your fur and hides to  
**EDMONTON TANNERY**  
9272 110a Avenue EDMONTON  
(Best Work and Service)

If you haven't Received  
our Catalogue  
Send for it NOW

### Henry Birks & Sons (Western) Limited

Diamond Merchants

Birks Bldg. Edmonton

### DE LAVAL PUMPS

The most efficient and economical pump of high material and workmanship at a comparative cost. ENGINEERS of the NORTH will appreciate the necessity of installing the BEST, in a country of high transportation costs.

#### Centrifugal Pumps for all Purposes

Address all enquiries to  
Empire Engineering and Supply  
Co., Ltd.  
Tegler Bldg. Edmonton, Alta.

### MacKillop Electric Company

Electrical Contractors and  
Supplies. Gasoline and Oil  
Driven Lighting Plants.  
Serving Northern Alberta  
and the Territories

See us for your  
requirements

10436-82nd Avenue  
Phone 31072

### CHECKER TAXICAB Limited

MILLER, Manager  
PHONE 21567



**DEPENDABLE  
ECONOMICAL  
CONVENIENT** !



**SWIFT PRODUCTS ESPECIALLY PACKED FOR  
NORTHERN USE**

**SWIFT'S Premium Savor-Tite Hams**  
(Whole 9 Lbs.—Halves, 4 to 5 Lbs.)

**SWIFT'S Premium Savor-Tite Spiced Hams**  
(6 Lbs., 3 Lbs., and 1 Lb. Tins)

**SWIFT'S Premium Savor-Tite Luncheon Tongue**  
(3 1/2 Lb. Tin)

**SWIFT'S Premium Savor-Tite Pork Sausage**  
(15 Oz. Tins)

**SWIFT'S Premium Savor-Tite Frankfurts**  
(14 Oz. Tins)

**SWIFT'S Premium Savor-Tite Bacon**  
(Tins Range from 11 to 12 Lbs.)

**SWIFT'S Brookfield Creamery Butter**  
(5 Lbs., 2 Lbs., and 1 Lb. Tins)

**SWIFT'S Silverleaf Brand Pure Lard**  
(3, 5, and 10 Lb. Pails)

**Universally Recognized!**



**SWIFT CANADIAN CO.**

**LIMITED  
CANADA**



**PURVEYOR OF  
FINE FOODS**

